KV-A2911D RM-816

SERVICE MANUAL

AEP Model



AE-1C chassis

KV-A2911D		MODELS OF TH	E SAME	SERIES
The second secon		KV-A2911D		
	1			

SPECIFICATIONS

Television system Color system Stereo system Channel coverage

Picture tube

inputs

Outputs

B/G/H

PAL, SECAM, NTSC3.58, NTSC4.43

GERMAN stereo VHF: E1-E10.

Black Trinitron tube

Approx. 72.4 cm

(Approx. 68 cm picture measured diagonally)

110 ° -degree deflection - 1 21-pin connector:

CENELEC standard including RGB input.

→ 2 21-pin connector: including S video input

Flont: 3 Audio and video input jacks:

phono jack.

Including S Video input Y: 1Vp-p±3dB 75ohm C: 0.3Vp-p ± 3dB 75ohm

21-pin connector: CENELEC standard Headphones jack: stereo minijack External speaker terminals: 2-pin DIN Audio output jacks: phono jack (output dependent upon TV settings)

Sound output

Power consumption

Weight incl.speakers

30 W + 30 W

114Wh

Dimensions incl.speakers Approx. 761 × 568 × 512 mm (w/h/d)

Approx. 55kg

[RM-816]

Remote control system

Power requirements

3V dc

2 batteries IEC designation

R6 (size AA)

infrared control

Dimentions

Weight

Accessories supplied

Approx. $75 \times 221 \times 23$ mm(w/h/d) Approx. 230g (including batters)

IEC designation R6 batteries (2)

Supplied accessories

RM-816 Remote Commander (1)

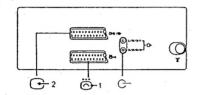
IEC designation R6 batteries (2)

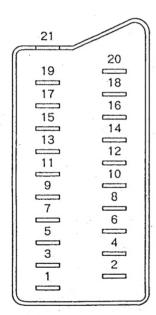
Design and specifications are subject to change without notice.



TRINITRON®COLOR TV SONY

21 pin connector (1, 2)





Pin No	1	2	Signal	Signal level
1	0	0	Audio output 8 (right)	Standard level: 0.5Vrms Output impedance: Less than lkohm #
. 2	0	0	Audio input B (right)	Standard level: 0,5Vrms Input impedance: More than 10kohms#
3	0	0	Audio output A (left)	Standard level: 0.5Vrms Output impedance: Less than lkohm+
4	0	0	Ground (audio)	
5	0	0	Ground (blue)	
6	0	0	Audio input A (left)	Standard level: 0.5Vrms Input impedance: More than 10kohms #
7	0	•	Blue input	0.7V±3dB. 75ohms, positive
8	0	0	Function solect (AV control)	High state (9.5-12 V): Part mode Low state (0-2 V): TV mode Input impedance: More than 10kohms Input capacitance: Less than 2 nF
9	. 0	0	Ground (groon)	-
10	0	0	Open	
11	0	•	Green	Green signal: 0.7V±3dB. 75ohms, positve
12	0	0	Open	
13	0	0	Ground (red)	
14	0	0	Ground (blanking)	
	0		Red input	0.7V±3dB. 75ohms, positive
15	-	0	(S signal) croma input	0.3V±3d8, 75ohms, positive
18	0	•	Blanking input (Ys signal)	High state (1-3 V) Low state (0-0.4 V) Input impedance: 75ohmes
17	0	0	Ground (video output)	
18	0	0	Ground (video Input)	
19	0	0.	Video output	IV±3dB. 75ohms. positive Sync: 0.3V (-3. +10dB)
20	0	_	Video input	1 V±3dB, 75ohms, positive Sync: 0.3V (-3, +10dB)
20	-	0	Video Input/Y (S signal)	1 V±3dB, 75ohms, positive Sync: 0.3V (-3, +10dB)
21	0	0	Common ground (plug. s	shield)

O connected

unconnected (open)

* at 20 Hi-20 kHz

4 pin connector (G)

- piii con	lector (8+)	
Pin No	Signal	Signal level
1	Ground	
2	Ground	
. 3	Y (S signal) input	$1V \pm 3dB$ 75ohm, positive Sync $0.3V_{10}^{-3}$ dB
4	C (S signal) input	0.3V ± 3dB 75ohm positive

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SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK A ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

CAUTION

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVING THE ANODE.

SECTION 1 GENERAL

1-1. TURNING THE TV UNIT ON AND OFF

1-2. TV CHANNEL PRESETTING

(channels). In order to receive these programmes it is necessary to search for the relevant broadcasting station and to set record it as a channel. The "programme number" is the number that the user decides to associate with a certain channel. For channel settings there are 60 positions available in the memory. In this way all stations broadcasting within the user's country can be received and recorded as a

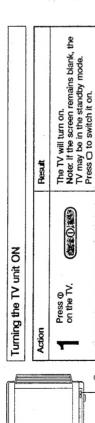
TV channels automatic presetting

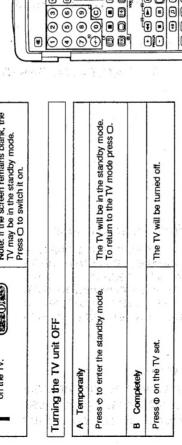
channel.

TV broadcasting stations broadcast their programmes on certain fixed frequencies

After installing the TV set, TV channels must be preset.

After you have completed the basic preparation your TV is ready to be connected to the mains power supply (220/240V-, 50Hz).





If you are unfamiliar with the transmission frequency of the channels you wish to preset, refer to the section "TV channels automatic presetting". However, if you want to tune them using the frequency of each channel, go to the section "Direct TV channel setting". To select a button on the "complete" side, take out the remote control unit from its case to reveal the preset buttons, as shown in the illustration. All data disappears from the screen. search will stop. If you want to skip it press IEE + or -The programme number on the screen changes. The programme number flashes. station is tuned broadcasting correctly, the Result NOTE: To select a 2-figure number press the -/-- button. E.g., if you wish to select number 23, press -/-- first, and then 2 and 3. Press PROGR +/- or the remote control unit number buttors to select the channel number to which you want to preset the station. +0 Press \$ to memorize the channel to that which the broadcasting station is tuned. 000 0000 0000 To memorize other broadcasting stations repeat steps from 1 to 4. stations press (44) + and -buttons. To search for broadcasting Press ⇒ to begin the preselection. **••** Operation 2 4 5 3 Nota: Utilizzate i tasti indicati nell' illustrazione 7+1 800 800 800 800 800 800 0°0 0 0 (e) preselezionate canali.

solo quando

000

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1

disappear from the screen.

Press \diamond to memorize the channel to which the station is tuned.

5

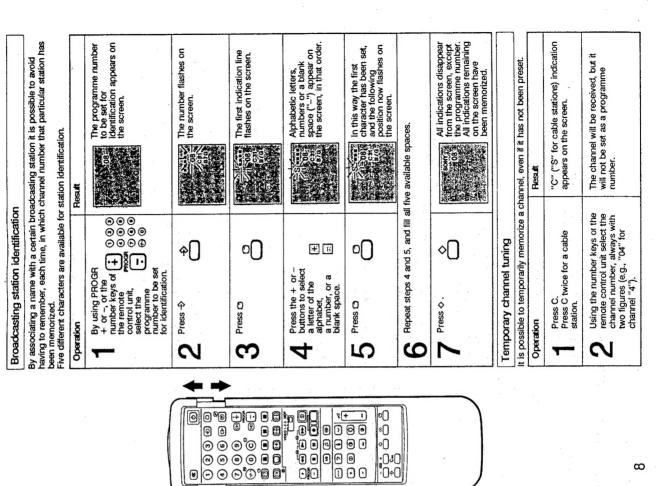
0

To memorize other broadcasting stations repeat the above procedure.

All indications

Indication "C-" ("S-" for cable stations) flashes on The programme number begins to flash on the screen. Note: In case of mistake, the "X" letter appears on the screen. Repeat once more the operation of step 4. The channel number changes on the screen. number on the screen changes. The programme the screen 58 Result By using the number buttons of the remote control unit select the channel number, always with two figures (for '4" press '04"). Note: Press the second number within 5 seconds of the first. After 5 seconds the operation is cancelled. Press PHOGR +/- or the number buttons on the remote control unit to select the channel number to which you want to preset the station. To select a 2-figure number press -/-- button. E.g., if you wish to select number 23, press -/-- first, and then 2 and 3. 000 0000 0000 Press C. If you wish to select a cable station, press C twice. ં 000 000 000 Direct TV channel setting Press - to begin the 0 presetting. Operation 4 3 2 •O 0°0 0 000 000 Θ

⊌

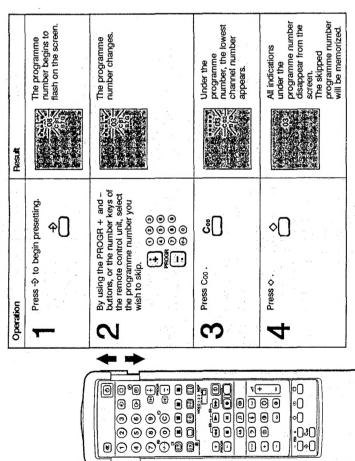


1-3. BASIC FUNCTIONS

Per aprirlo premete sulla freccia. (+)



Skipping channels



This section introduces you to the basic control functions which are available on the "simple" side of the remote control unit. Before selecting programmes make sure that TV channels have been memorized. Programme selection

Operation	Result	
- butte	0	The selected programme number appears on the screen.
select number 23. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		

O+P+d-

Volume control			
Operation		Result	
Press ∠ + or	· ①		The volume indication appears on the screen.

In this case, press first $P_{+}\Delta \rightarrow \bigoplus$ until the indication P (channel) or Δ (volume) appears on the screen, and then press $\rightarrow \bullet \leftarrow +$ or – buttons. Jse of other functions with the TV set buttons Use of additional functions 000 000 000 0000

It is also possible to select programmes and to adjust the volume by using $P \to \Delta \to \Phi$ and $\to \bullet \star + \text{ or - buttons, located on the front panel of the TV set.$

Use of teletext service Press ©. For further information on the teletext service

Selection of the video input

Press O. To return to the TV mode, press O. For further details

Manual fine tuning

If the picture is not perfect, it is possible to fine tune it manually.

Operation	Result
Press (2007) + or – repeatedly until the picture The indication ←F→ appears on the screen is at the optimum.	The indication ←F→ appears on the screen
Press - ♦ to start preselection.	The programme number starts flashing on the screen.
Press 4.	Manual fine tuning has been memorized.

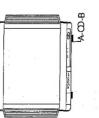
Note: Manual fine tuning will be reset when the channel is selected again.

.0.0 0.0

1-4. SPECIAL FUNCTIONS

This section explains the use of functions for adjusting pictures and sound. Use the "complete" side of the remote control unit.





Press @ again.

Operation Press 4

The following functions can be used. Use of special functions

Press (

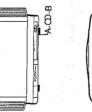
Indication display

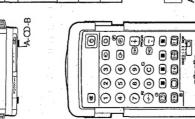
Function

Press K again.

Press A/B.

Press A/B. The selected language is displayed by the relevant indication on the screen.





Sound muting	Language selection for blingual programmes.	Sound adjustment for music programmes.	Use of special sound effects.	Time display (only during teletext broadcasting).		
(GD	4-00-B		0	0°6 0 6 0 6) © ©	

Picture and sound adjustment

Although the picture and sound have been adjusted at the factory, you might want to adjust them to your own taste. To do this, please follow the steps below.

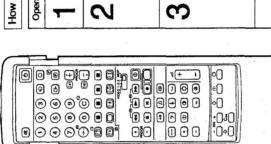
To Adjust:	Press;	Then:	Result: (+ ↔ –)
Picture:			
Colour Intensity	•		More ** Less
Contrast	0	<u>+</u>	More Less
Brightness	•]	Bright → Dark
Hue (for NTSC only)	, Kr		Reddish ← Greenish
Sharpness	0		Move Less
Sound:			
Bass	٠,	Œ	More Less
Treble	→]	More Less
Balance	Z		Left ↔ Right

To reset the picture and sound to factory set levels, press →• ←.

On the set: Press the →• ← and + /- buttons simultaneously.

USE OF THE TELETEXT SERVICE 1-5.

Through the teletext service a great deal of information can be received at any time. Broadcastling stations make this service available through TV broadcasts. To use the teletext service, use the green keys on the "complete" side of the remote control unit. When the "simple" side of the remote control unit is used, only the basic functions are available.



Press @ again.

Press & again Press J again.

Press &

Press 1

Press @

How to display	Operation	Select the watch.	2 Press @	Use the n remote or temote or three figure the desire Note in case or three num the operar numbers.	To return Press C. To chang First pres
How to display teletext service		Select the channel you want to watch.		Use the number keys of the remote control unit to insert the three figures corresponding to the desired teletext page. Note In case of a mistake, press any three numbers, and then repeat the operation with the correct numbers.	To return to normal TV programmes: Press C. To change teletext charnel: First press C) to return to the TV mox
	Result	The channel changes on the screen.	If there is no reletext signal, the indication "Page 100" appears on the screen.	The selected page number appears on the screen. After a few seconds, the selected page appears on the screen.	To return to normal TV programmes: Press C. To change teletext channel: First press C to return to the TV mode, and then repeat steps 1 to 3.

If there is no teletext signal, the indication "Page 100" appears on the screen.

Note: A weak TV signal may cause trouble in the use of teletext.

Use of special teletext functions

creen)	Page index appears.	The sub-page appears (page 888).	The preceding or the following page appears.
Result (on the screen)	Manual Property of the Control of th		P201
Operation	Press & (INDEX).	Press 🚨 .	Press & (PAGE +) or @ (PAGE -).
Required function	Page index required.	Sub-pages required (page 888).	Access to previous or following pages.

0 €0

Bore irad function	Opporation	Does to the exerced
i separa ini kanal	operations	meson (or use screen)
Superimposition of the teletext on the TV programme.	In the TV mode, press ® twice. To return to the normal teletext function press @ again.	Teletext information will appear superimposed on the TV programme.
To prevent page changes due to page updating.	Press & (STILL), Press & (TXTMIX) to return to the normal function.	The B (STILL) symbol appears on the screen.
Magnification of teletext characters.	Press 69 once to magnify the upper half of the screen. Press twice to magnify the lower half of the screen. By pressing the button three times the normal vision is restored.	with weathers: The upper or the lower half of the page is magnified.
Display of hidden information (answers to quizzes, etc.).	Press & (RIV). Press again to hide the answers.	The information is displayed.
Watching a programme while	1. Ask again for the page.	The number is displayed.
required page.	2 Press 🔞	TV programme is displayed.
	3. When the required page has been found, the page number will be displayed.	P201
	4. Press @ to display the page.	The desired page will be displayed.
Display of a page at a preset time.	1. Request the page.	The selected page will be displayed.
	2 Press @ (MEM.T).	In the lower part of the screen the indication "T***" appears.
	3. Set the required time by using the number keys, and by inputting four figures (e.g. 0730 for "7:30").	The required time is displayed on the screen.
	To watch TV programmes until a preset time Press © (CANC). At the required time, the selected page appears in the upper part of the screen. Press © to display the page.	set time me, the selected page appears in of to display the page.
	To cancel the request Display the teletext page and then press to (CANC.M.).	ress & (CANC.M.).

Note: Depending on the teletext service, certain functions may not be available.

Use of the FASTEXT function

The FASTEXT function allows rapid access, at the touch of a single button, to the teletext functions. In the lower part of the screen, a colour coded index will be displayed when a FASTEXT teletext page is broadcasted. Each colour corresponds to the colored keys on the remote control unit.

Operation

Operation	Result
Press one of the coloured keys on the remote control unit corresponding to the coloured indications of the FASTEXT teletext page.	The selected teletext page appears on the screen.

Note: The correct use of the FASTEXT function depends on the signal being broadcast by the TV stations. Some TV stations may not broadcast FASTEXT teletext signal.

CONNECTIONS AND OPTIONAL FUNCTIONS

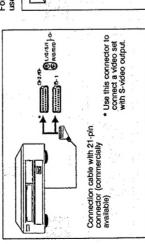
This TV set may be connected to other audio/video machines, such as videocameras, VTRs, videodisc players, or stereo systems.

Connection to an external audio/video system

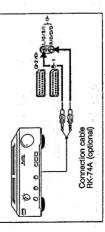
This TV set incorporates three groups of connectors, for input and output to the TV signal. Each group has the following characteristics.

Connector	Input signal	Output signal
₫-1	Normal audio/video signal or RGB signal	TV tuner audio/video signal
G-2/G-	Normal audio/video signal and S-video signal	Audio/video signal from a selectable source
-G, -D, front panel	Normal audio/video signal and S-video signal	No signal

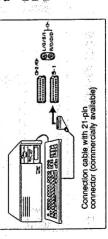
Connection of a TV set



Connection of an audio unit

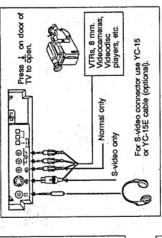


Connection to a computer with RGB output



Temporary connection of video apparatus For a temporary connection (e.g. of a videocamera) use the front panel terminals.

*



Connection of a videotape recorder through the T

connector Connect the antenna input (AERIAL-IN) of the TV set to the antenna output (AERIAL-OUT) of the videotape recorder.

S-video input (Y/C irput)

The video signal is formed by two separate signals: the luminance (Y) and the chrominance (C). Through the separation of the two signals it is possible to improve picture quality (luminance in particular), preventing reciprocal interference. This TV set features two S-video sockets able to directly receive this type of signal.

Pictures with distortion

Move the TV set away from the videotape recorder if pictures or sound become distorted.

Video programme playback

Using the input selector, pictures coming from a videotape recorder connected to the TV sets input may be played back.

Operation

Operation	Nesdat.	
 Select the desired video input by pressing & repeatedly.	(C)	The symbol of the selected input appears on the screen (see table below).

Press C button to return to TV mode.

Q+7+d

Selectable inputs

Symbol	Selected input
.	Audio/video signal from @-1 connector.
ιQ	RGB signal from @-1 connector.
⊕2	Audio/video signal from G•2/G• connector.
-632	S-video signal (from a VTR with S-video output) from G- 2/G- connector,
.	Audio/video signal from . D. Donnector located on the front panel.
-6 33	S-video signal from S-video - (4 pin) connector located on the front panel.
Input can be selected also w	Input can be selected also with the p→Δ→⊕ buttons of the TV set.
input.	

Selection of video output

The G-2/G- connector may output 4 video signals. Select the outgoing video signal in the following way.

Result

Operation

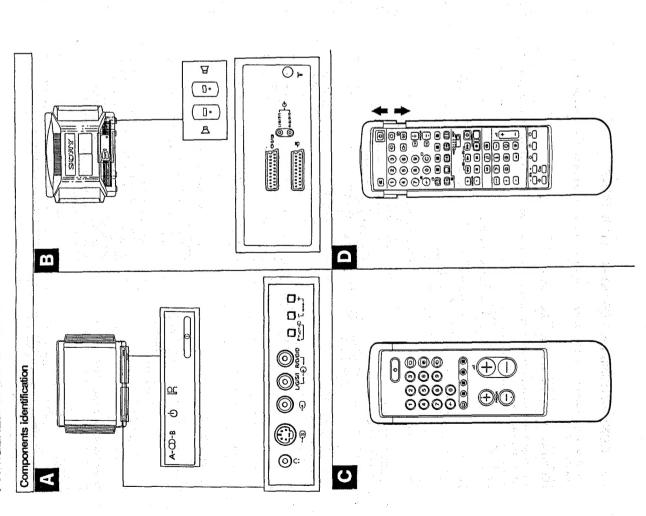
Operation

Press C+ repeatedly to select the desired video output.	Ď.	The selected video output symbol appears on the screen (see the table following).

Julyan arginal	
Symbol	Selected output
1,0	Audio/video signal from @1 connector.
2⊡	Audio/video signal from @- 2/@- connector.
3Ф	Audio/video signal from and connectors.
٦٧G	Audio/video signal from T-type antenna connector T.

1-7. GENERAL INFORMATION

This section briefly describes controls of the TV set and the remote control unit, and their relevant functions.



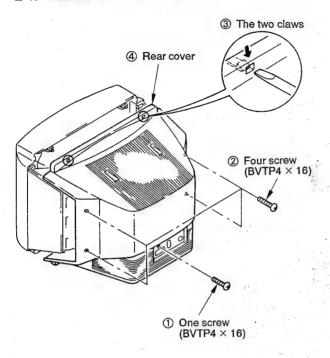
TV set front panel	len	D Remote control unit	Lunit — complete side
Indication	Description	┨¯	
θ	Power switch	營	Sound muting key
Ф	Standby switch	Đ	Standby key
A	Bilingual function Indications	1,2,3,4,5, 6,7,8,9,0	Number keys
C	Headphones connector (stereo mini-fack)	Φ	Input selector
600	Input connectors	0	TV set power switch and TV mode selector
1	(S-VIGEO/VIGEO/BUGIO)	Ф	Output selector
F-Z-6	Function selector (programme/volume/input)	B	Teletext key
+	Function adjustment keys	- 3	Music programme key
		A/B	Bilingual programmes language selection
TV set rear panel	Je.	+	Channel selection key/
Indication	Description	0	Channel direct selection
₽,	Speaker connectors		key
Ā	right speaker)	€	Special sound effect key
G	Connector 2, Euro AV	ම	Time display
5/8/5	(SCAH), 21-pm), S-video In/Video out signals.	8	Teletext operation keys
	Connector 1, Euro AV		FASTEXT operation buttons
<u>.</u>	(SCART, 21-pin). RGB in/video In/TV/out signals.	Ð	Display key
đ	Audio output connectors	**	Reset key
5	(RCA pin)	7+7	Volume adjustment keys
 -	Antenna connector (of IEC standard)	PROGR + /-	Programme selection keys
Remote control		00 00 00 00 00 00 00 00 00 00 00 00 00	Image and audio adjustment keys
		VIDEO 1/2/3, MDP	Video unit selector
Φ	Input selector	44 = 4 = 4 = 4 = 4 = 4 = 4 = 4 = 4 = 4	Video units function key
	Teletext service key	රී	Programme cancelling key
	FASTEXT operation buttons	•	Channel presetting key
0	TV set power switch and TV mode selector	+	Channel tuning keys
Đ	Standby key	\$	Channel storing keys
1,2,3,4,5, 6,7,8,9,0	Number keys	0	Broadcasting stations identification key
}-	Channel selection key/ 2-figure programmes		
7+7	Volume adjustment key		
PROGR + /-	Programme selection key		

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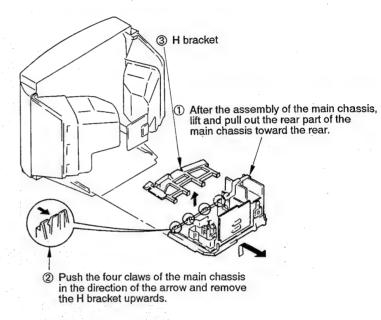
8

SECTION 2 DISASSEMBLY

2-1. REAR COVER REMOVAL

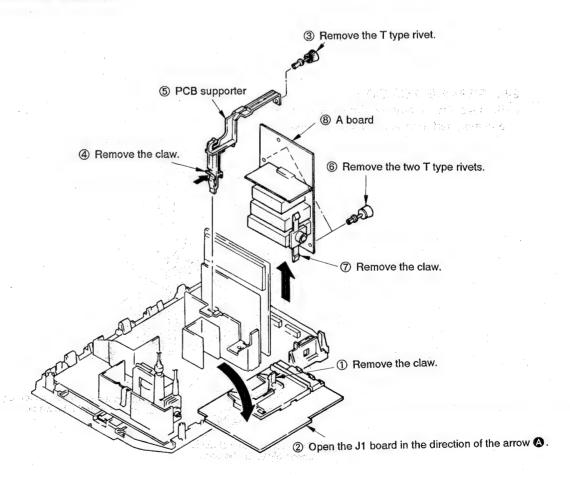


2-2. CHASSIS ASSEMBLY REMOVAL

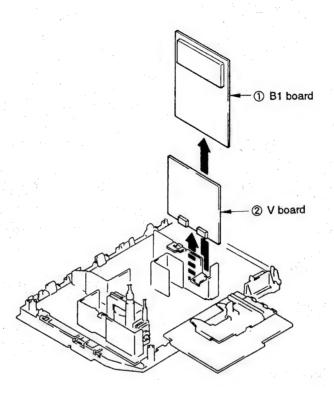


 Remove the H bracket from the main assembly and then perform the following servicing.

2-3. A AND J1 BOARDS REMOVAL

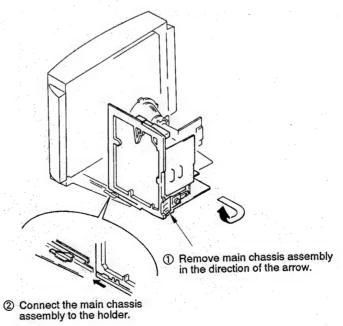


2-4. B1 AND V BOARDS REMOVAL

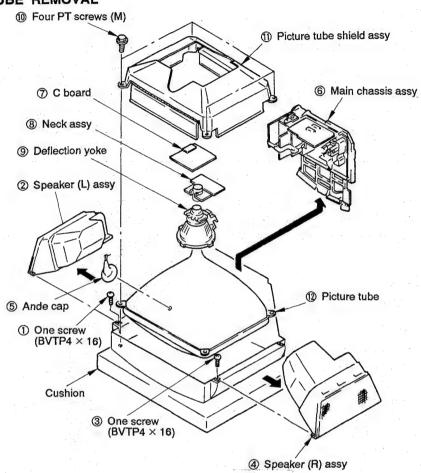


2-5. SERVICE POSITION

* Remove the H bracket from the main assembly and then perform the following servicing.

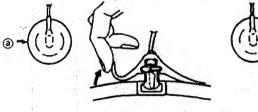


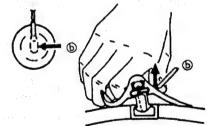
2-6. PICTURE TUBE REMOVAL

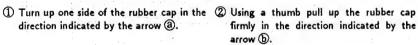


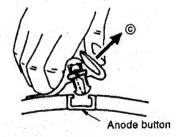
REMOVAL OF ANODE-CAP

REMOVING PROCEDURES





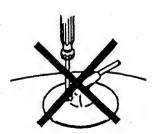


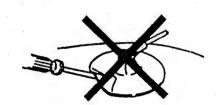


When one side of the rubber cap is separated from the anode button, the anode-cap can be removed by turning up the rubber cap and pulling up it in the direction of the arrow ©.

• HOW TO HANDLE AN ANODE-CAP

- ① Don't hurt the surface of anode-caps with sharp shaped material!
- ② Don't press the rubber hardly not to hurt inside of anode-caps! A material fitting called as shatter-hook terminal is built in the rubber.
- ③ Don't turn the foot of rubber over hardly! The shatter-hook terminal will stick out or hurt the rubber.





SECTION 3

SET-UP ADJUSTMENTS

- When complete readjustment is necessary or a new picture tube is installed, carry out the following adjustments.
- Unless there is specific instruction to the contrary, carry out these adjustments with the rated power supply.
- Unless there is specific instruction to the contrary, set the controls and switches this way:

① Contrast80%

(or remote control normal)

☼ Brightness ······50%.

- Carry out the following adjustments in this order:
 - 1. Beam landing
 - 2. Convergence
 - 3. Focus
 - 4. White balance

Note: Testing equipment required

- 1. Color bar/pattern generator
- 2. Degausser
- 3. DC power supply
- 4. Digital multimeter
- 5. Oscilloscope

Preparations:

- In order to reduce the influence of geomagnetism on the set's picture tube face it east or west.
- Switch on the set's power and degauss with the degausser.

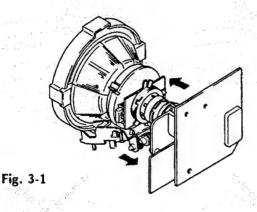
3-1. BEAM LANDING

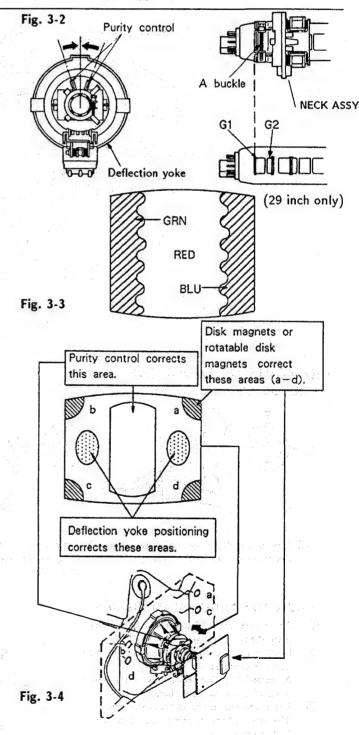
- Input the white signal with the pattern generator.
 Contrast
 Bightness normal
- 2. Position neck ass'y as shown in Fig 3-2.
- 3. Set the pattern generator raster signal to red.
- 4. Move the deflection yoke to the rear and adjust with the purity control so that the red is at the center and the blue and the green take up equally sized areas on each side.

(See Figures 3-1 through 3-3.)

- 5. Move the deflection yoke forward and adjust so that entire screen is red. (See Figure 3-1.)
- 6. Switch the raster signal to blue, then to green and verify the condition.
- 7. When the position of the deflection yoke has been decided, fasten the deflection yoke with the screws.
- 8. If the beam does not land correctly in all the corners, use a magnet to adjust it.

 (See Figure 3-4.)



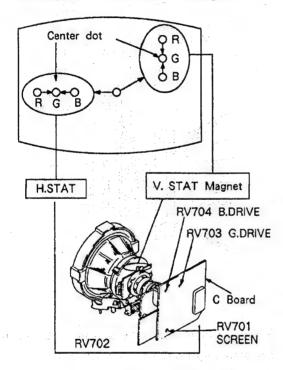


3-2. CONVERGENCE

Preparations:

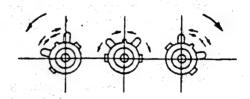
- Before starting this adjustment, adjust the focus, horizontal size, and vertical size.
- Minimize the brightness setting.
- Provide dot pattern.

(1) Horizontal and vertical static convergence

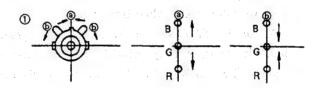


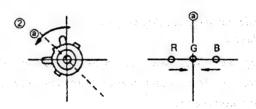
- 1. (Moving horizontally), adjust the H.STAT control so that the red, green, and blue points are on top of each other at the center of the screen.
- 2. (Moving vertically), adjust the V.STAT magnet so that the red, green, and blue points are on top of each other at the center of the screen.
- 3. If the H.STAT variable resistor cannot bring the red, green, and blue points together at the center of the screen, adjust the horizontal convergence with the H.STAT variable resistor and the V. STAT magnet in the manner given below.
 (In this case, the H.STAT variable resistor and the V.STAT magnet influence each other)

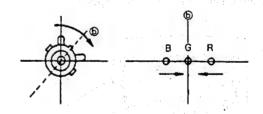
• Tilt the V.STAT magnet and adjust the static convergence by opening or closing the V.STAT magnet.

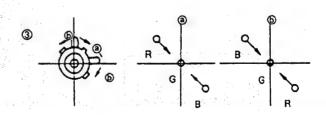


4. If the V.STAT magnet is moved in the direction of the (a) and (b) arrows, the red, green, and blue points move as shown below.

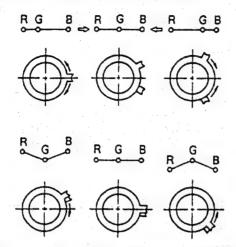




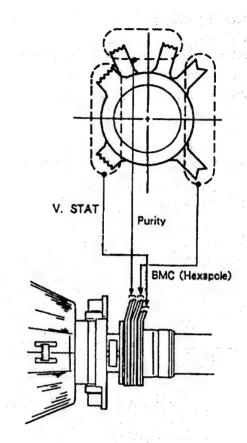




• Operation of BMC (Hexapole) Magnet



• The respective dot positions resulting from moving each magnet interact, so be sure to perform adjustment while tracking.
Use the H.STAT VR to adjust the red, green, and blue dots so they coincide at the center of screen (by moving the dots in the horizontal direction).

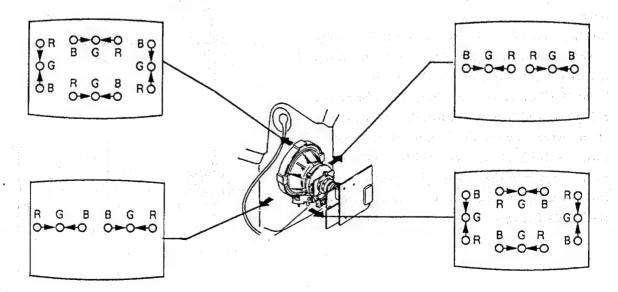


(2) Dynamic convergence adjustment Preparations:

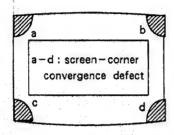
Before starting this adjustment, adjust the horizontal static convergence and the vertical static convergence.

- 1. Slightly loosen the deflection yoke screws.
- 2. Remove the deflection yoke spacer.

- 3. Move the deflection yoke as shown in the figure below and optimize the convergence.
- 4. Tighten the deflection yoke screws.
- 5. Install the defelection yoke spacer.

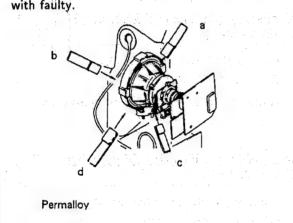


(3) Screen corner convergence



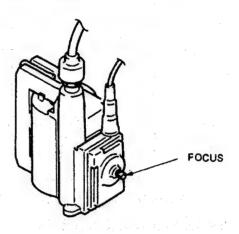


Install the permalloy assembly for the section with faulty.



3-3. FOCUS

Adjust the focus to optimize the screen.



3-4. WHITE BALANCE

[Screen G2 setting]

- 1. Input the dot signal from the pattern generator.
- 2. Set the picture brightness control to its lowest level.
- 3. Apply 170V DC to the R, G, and B cathodes with an external power supply.
- 4. While watching the picture, adjust G2 control RV701 (Screen) to the point just before the return lines disappear.

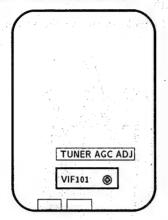
[White balance adjustment]

- 1. Input an all-white signal from the pattern generator.
- 2. Set the picture brightness and color controls to their normal levels.
- 3. Use the RV704 (B Drive) and RV703 (G Drive) to adjust white balance.

In the adjustments below, have the picture color and brightness settings at their normal levels unless there is a specific instruction to the contrary.

SECTION 4 CIRCUIT ADJUSTMENTS

4-1. A BOARD ADJUSTMENTS

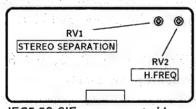


A BOARD (COMPONENT SIDE)

TUNER AGC ADJUSTMENT (AGC VR)

- 1. Align with an appropriate signal between stations.
- 2. Adjust AGC VR so that snow noise and cross modulation just disappear from the picture.

IFG5.5S SIF



IFG5.5S SIF -component side-

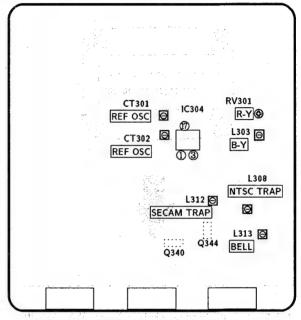
STEREO SEPALATION ADJUSTMENT (RV1)

- 1. Input stereo signals. (L-CH 400Hz, R-CH 1KHz)
- 2. Check the stereo indicator.
- 3. Connect on oscilloscope to pin® (CH1) of CN1 through band pass filter of 1KHz
- 4. Adjust RV1 so that 1KHz voltage goes down to the minmum.

H FREQ (RV2)

- Input a PAL COLOR BAR signal, then connect a jumper between pin[®] IC4 and GND.
- Connect a frequency counter to pin IFG5.5S
 (HP) of CN1 through a probe of 10:1.
- 3. Adjust RV2 (H.FREQ) 15.625 ± 50 Hz.
- 4. After adjustment, remove the jamper.

4-2. B1 BOARD ADJUSTMENTS



B1 BOARD (COMPONENT SIDE)

REFERENCE OSCILLATOR ADJUSTMENT (CT302 8.8MHz)

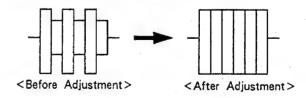
- 1. Input a PAL color bar signal.
- 2. Ground pin (7) of the IC304.
- 3. Adjust CT302 to obtain synchronization.

REFERENCE OSCILLATOR ADJUSTMENT (CT301 7.16MHz)

- 1. Input an NTSC color bar signal.
- 2. Ground pin T of IC304.
- 3. Adjust the CT301 to obtain synchronization.
- 4. Remove the jumper grounding pin ① of IC304.

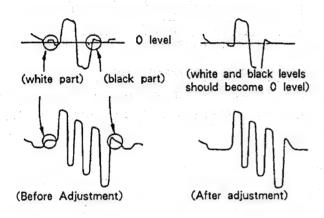
BELL FILTER ADJUSTMENT (L313)

- 1. Input a SECAM color bar signal.
- 2. Connect the oscilloscope to the emitter of Q344.
- 3. Adjust L313 so that the waveform is flat.



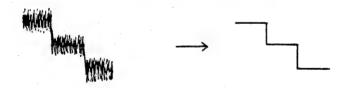
DISCRIMINATION ADJUSTMENTS (RV301 and L303)

- 1. Input a SECAM color bar signal.
- 2. Connect the oscilloscope to pin ① of IC304.
- Adjust RV301 until the white and black sections
 of the waveform at pin ① are at the 0 level.
 Connect the oscilloscope to pin ③ of IC304.
- 4. Adjust L303 until the white and black sections of
- 5. the waveform at pin 3 are at the 0 level.



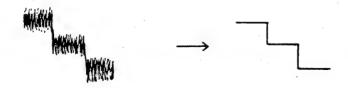
SECAM TRAP (L312)

- 1. Input a SECAM color bar signal.
- 2. Connect oscilloscope to Q340 emitter and adjust L312 to minimize color carrier on the Y-signal.

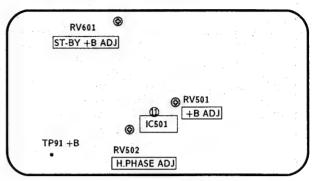


NTSC TRAP (L308)

- 1. Input a NTSC (3.58) color bar signal.
- Connect oscilloscope to Q340 emitter and adjust L308 to minimize color carrier on the Y-signal.



4-3. D BOARD ADJUSTMENTS



D BOARD (COMPONENT SIDE)

+B ADJUSTMENT (RV501)

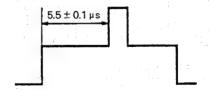
- 1. Connect the digital multimeter to TP91.
- 2. Adjust RV501 to obtain 135 ± 0.2 V.

ST-BY +B ADJUSTMENT (RV601)

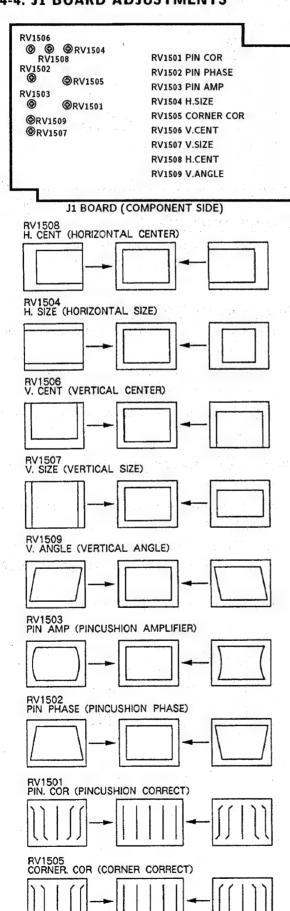
- 1. Put the system into \circlearrowleft standby mode (remote commander).
- 2. Connect the digital multimeter to TP91.
- 3. Adjust RV601 to obtain $135 \pm 3V$.
- 4. Take the system out of \circlearrowleft standby mode (remote commander).

H.PHASE ADJUSTMENT (RV502)

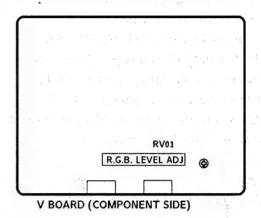
- 1. Input a PAL color bar signal.
- 2. Set the picture and brightness controls to their normal levels.
- 3. Set RV1508 (H.CENT) to its mechanical center.
- 4. Connect the oscilloscope to pin (I) (SCP) of IC 501.
- 5. Rotate RV502 to adjust to 5.5 \pm 0.1 μ s.



4-4. J1 BOARD ADJUSTMENTS



4-5. V BOARD ADJUSTMENT



RGB LEVEL ADJUSTMENT (RV01)

- 1. Maximize the picture setting.
- 2. Adjust RV01 so that the RGB output is 0.75V.

4-6. SECONDARY ADJUSTMENTS

SUB BRIGHTNESS ADJUSTMENT

- 1. Set the system to receive a test pattern.
- Press → ← on the remote commander to put the system into normal mode.
- 3. Switch off the power.
- While depressing the adjusting buttons + and
 simultaneusly, turn on the power. (SUB mode is obtained)
- 5. Minimize the O contrast setting.
- 6. Adjust the ☼ brightness control so that the gray scale 0 IRE section is cut off completely and the 20 IRE section is barely glowing.
- 7. Depress the \diamondsuit (store) button of the remote commander.

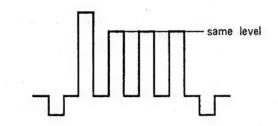
(SUB mode is released)

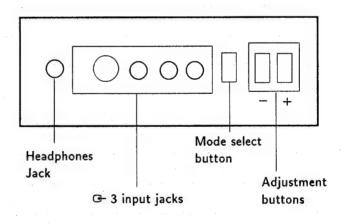
If there is no test color pattern

- 1. Set the system to receive a color pattern.
- Press →•← on the remote commander to put the system into normal mode.
 Set the ② color to its normal state.
- 3-5. Steps are the same as above.
- 6. Since 20 IRE is nearly blue, adjust the ⇔ brightness control so that the blue barely glows.
- 7. Same as step 7 above.
- Press → ← on the remote commander to put the system into normal mode.

SUB COLOR ADJUSTMENT

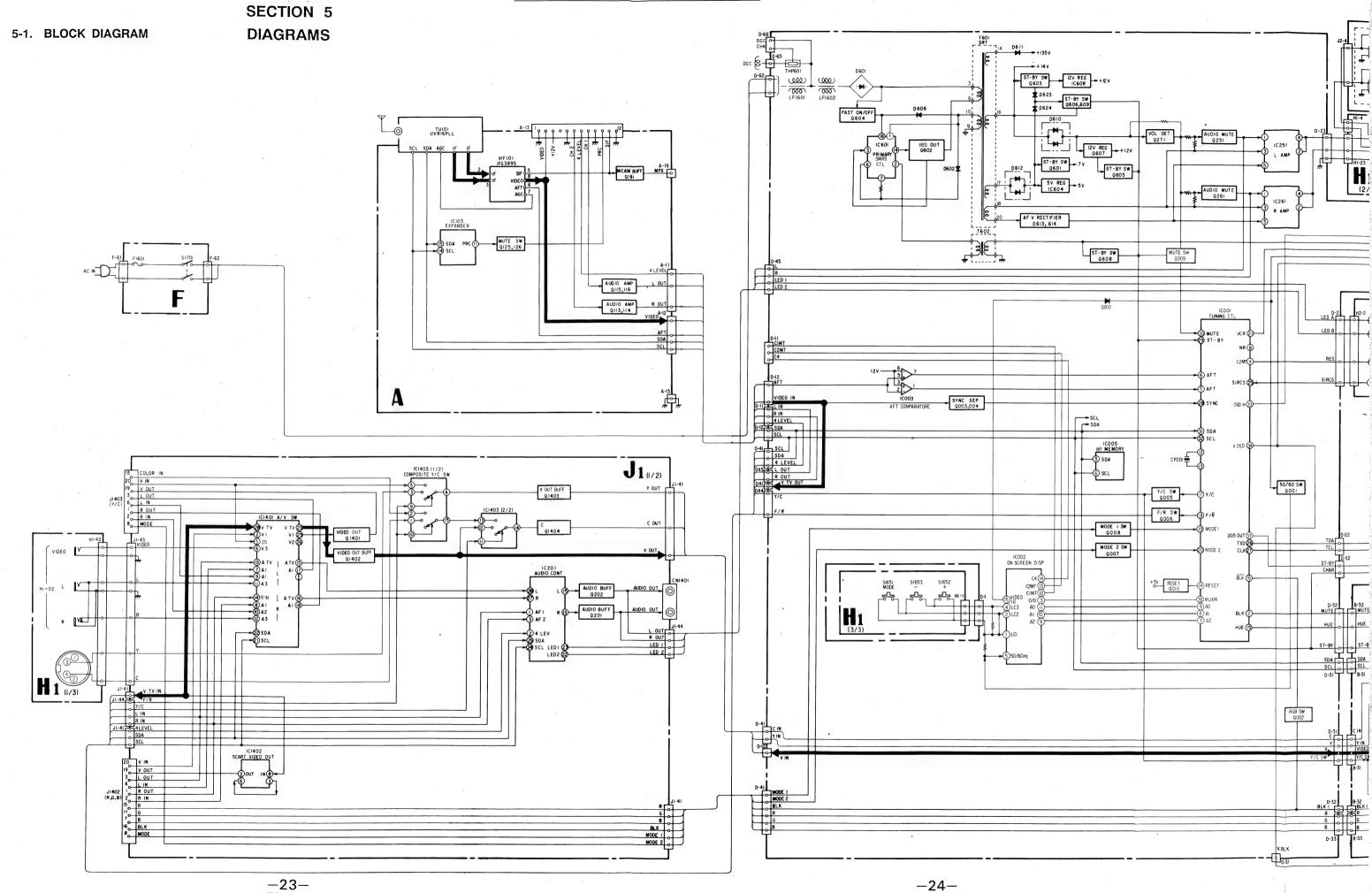
- 1. Set the system to receive color bars.
- Press → ← on the remote commander to put the system into normal mode.
- 3. Cut off the power.
- While depressing the adjustment buttons + and
 simultaneusly, turn on the power. (SUB mode is obtained).
- 5. Adjust the color control so that the B out waveform (pin ⑤ of C board connector CNC72) is as shown in the figure below.
- 6. Depress the \diamondsuit (store) button of the remote commander. (SUB mode is released)

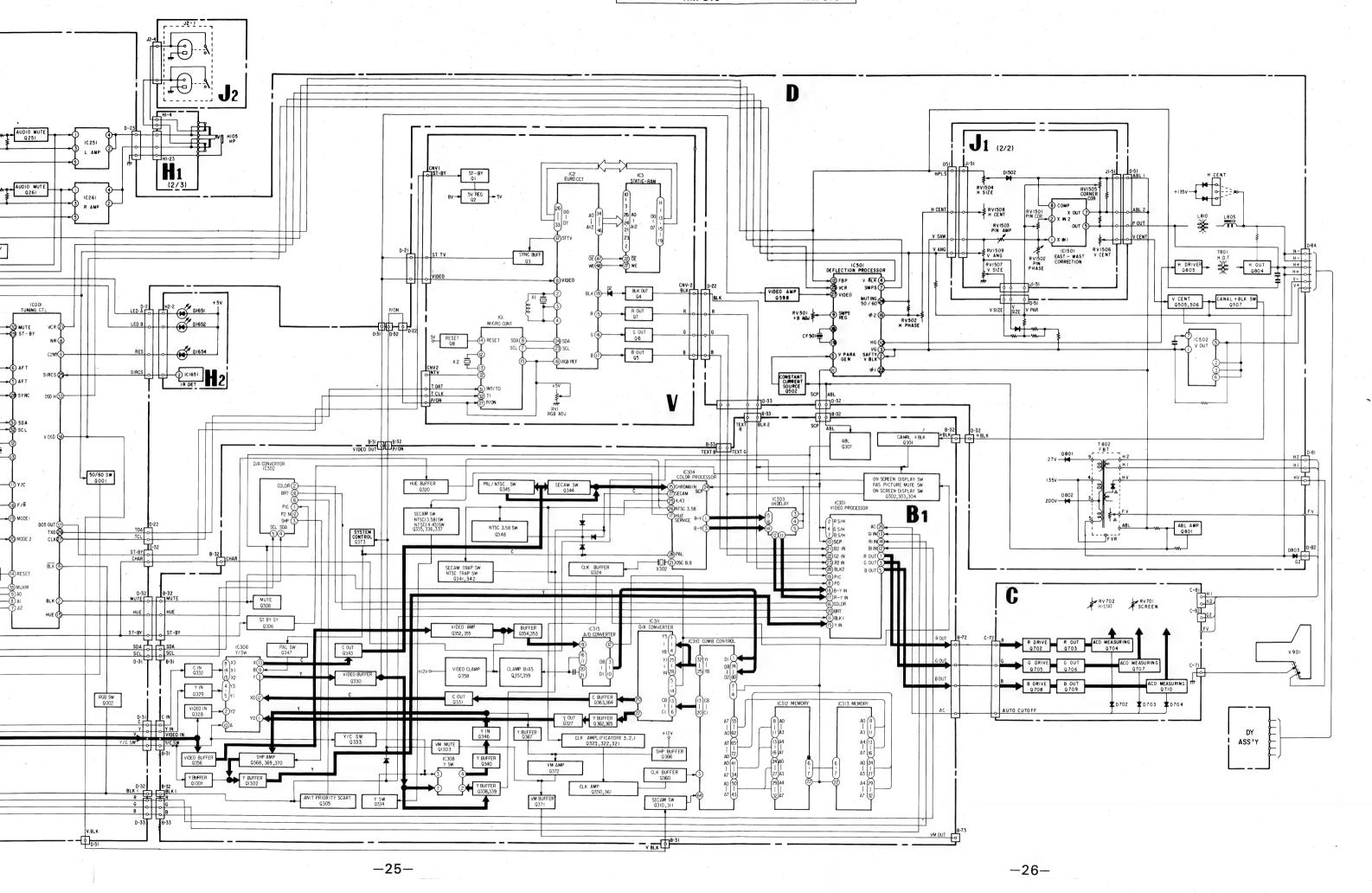




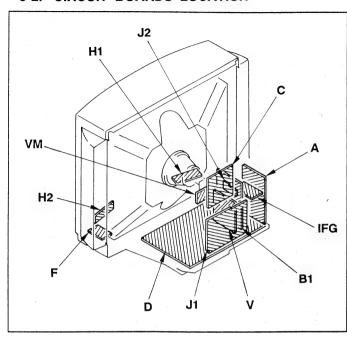
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KV-A2911D RM-816 KV-A2911D RM-816





5-2. CIRCUIT BOARDS LOCATION



5-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS – Conductor Side –

Note: The components identified by shading and mark

A are critical for safety. Replace only with
part number specified.

Note:

- All capacitors are in μF unless otherwise noted. pF: μμF
 50 WV or less are not indicated except for electrolytic and tantalums.
- All resistors are in ohms.
- $k\Omega = 1000 \Omega$, $M\Omega = 1000 K\Omega$
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch: 5 mm Rating electrical power 1/4 W

- : nonflammable resistor.
- 🛆 : internal component.
- panel designation, or adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- \perp : earth-ground.
- ; earth-chassis.
- # : no mounted.

Reference information

RESISTOR : RN METAL FILM : RC SOLID : FPRD NONFLAMMABLE CARBON NONFLAMMABLE FUSIBLE : RS NONFLAMMABLE METAL OXIDE : RB NONFLAMMABLE CEMENT : RW NONFLAMMABLE WIREWOUND : ※ ADJUSTMENT RESISTOR COIL MICRO INDUCTOR : LF-8L CAPACITOR : TA TANTALUM : PS STYROL : PP POLYPROPYLENE : PT MYLAR : MPS METALIZED POLYESTER METALIZED POLYPROPYLENE : ALB BIPOLAR : ALT HIGH TEMPERATURE : ALR HIGH RIPPLE

Readings are taken with a color-bar signal input.
 Readings are taken with a 10MΩ digital maltimeter.

Voltage are dc with respect to ground unless otherwise noted.

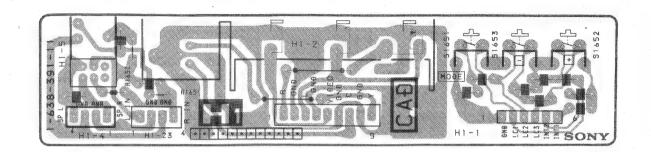
Voltage varietions may be neted due to normal production tolerances.

All voltages are in V.

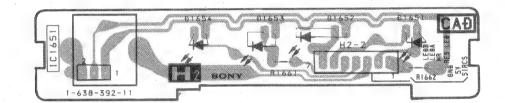
Circuled numbers are waveform references.

• signal path.(RF)

- H1 Board -

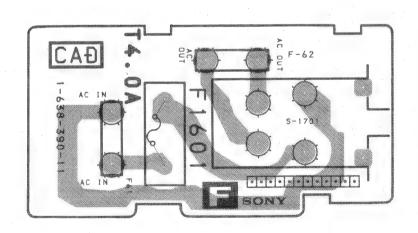


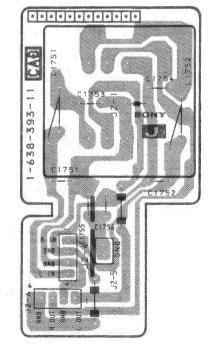
- H2 Board -



- J2 Board -

- F Board -



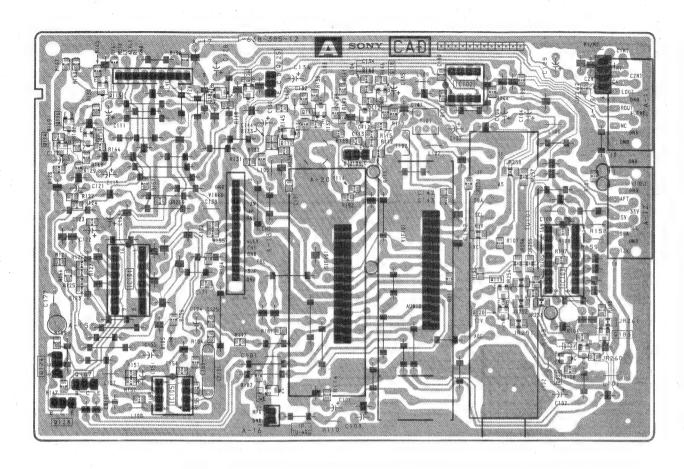




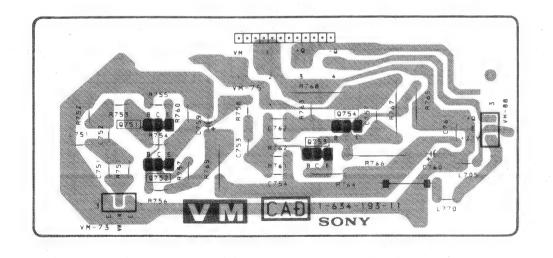


J1 AUDIO CONTROL, AV INPUT Y/C INPUT, SCAR VIDEO OUT, EAST-WEST CORRECTION

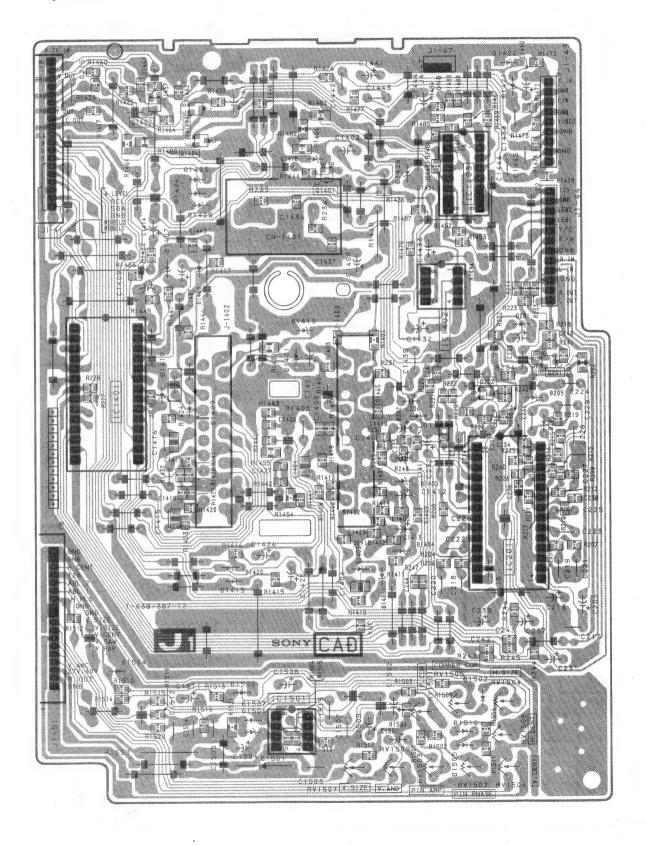
- A Board -

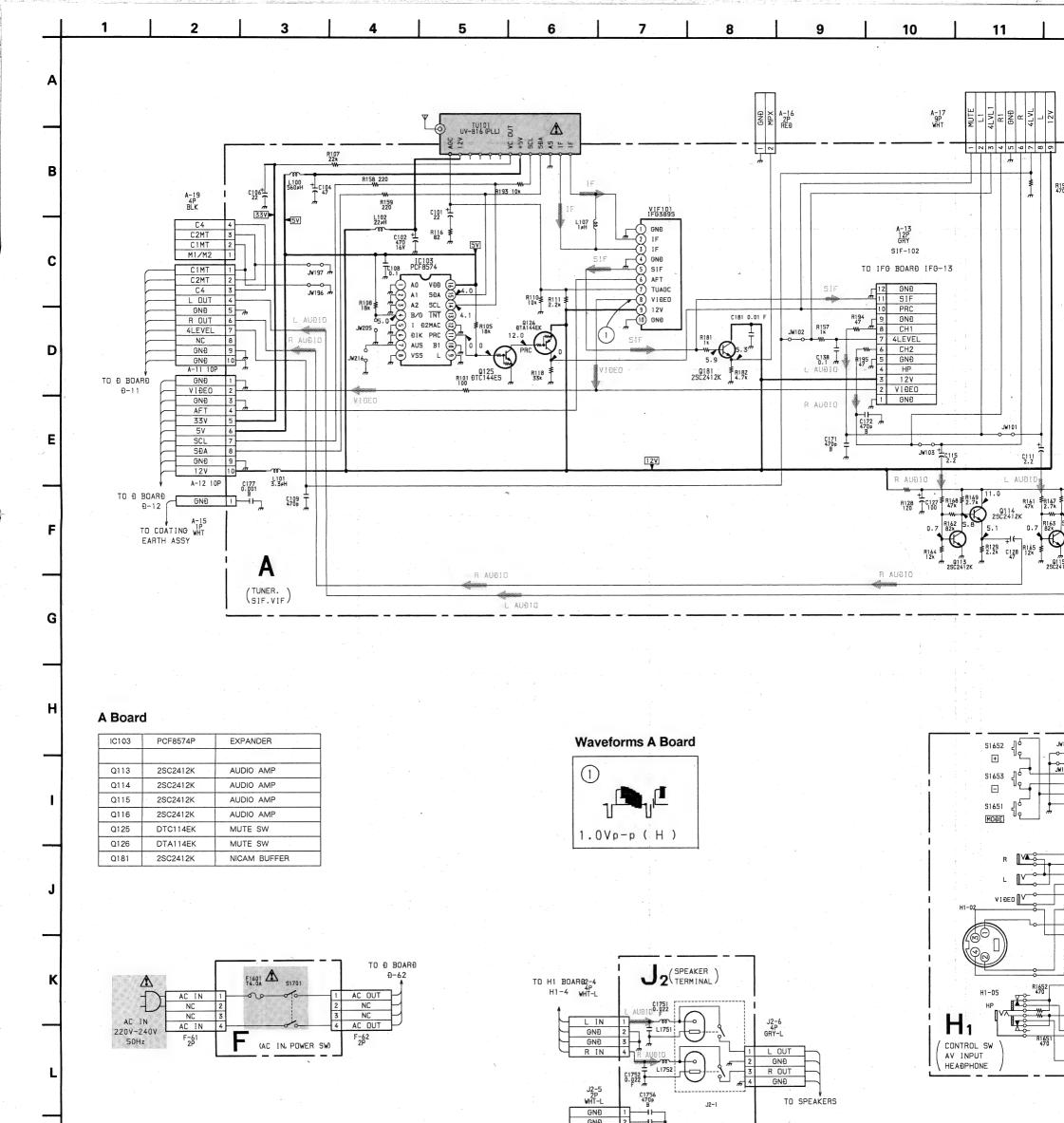


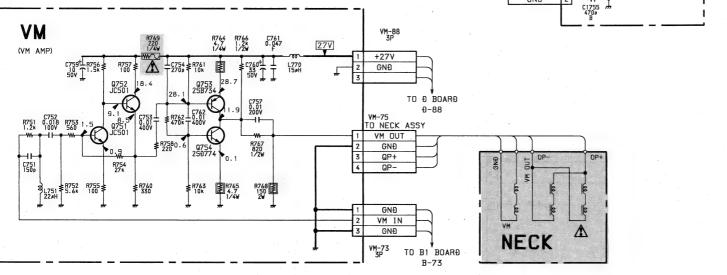
- VM Board -



- J1 Board -







H2 Board

101651	SBX1610-11	
Ð1651	LÐ-201VR	
Ð1652	LÐ-201VR	Г
Ð1654	LÐ-201VR	Г

VM Boa	ard	
Q751	JC501	REF-AMP
Q752	JC501	REF-AMP
0753	2SB734	PUSH-PULL OUT
Q754	2SÐ774	PUSH-PULL OUT

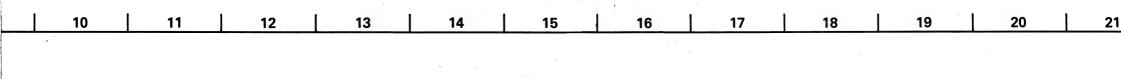
M

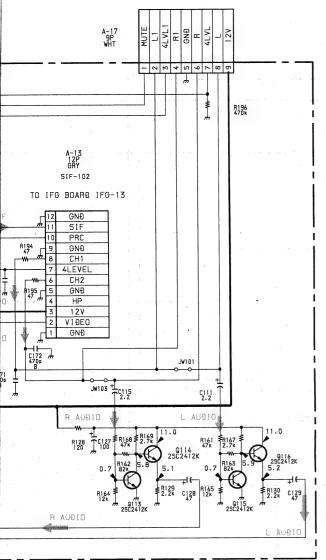
N

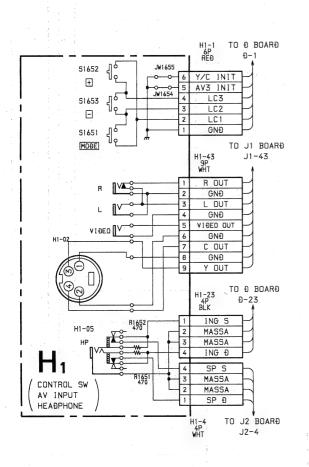
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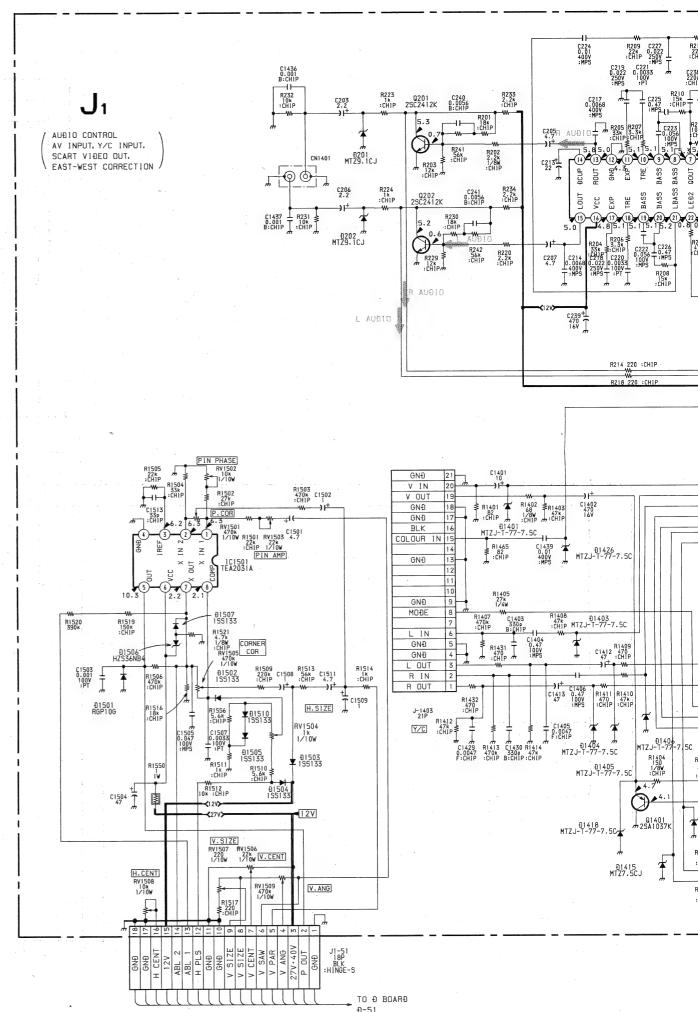
P

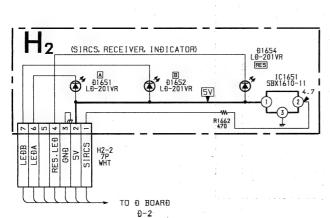
 H_2





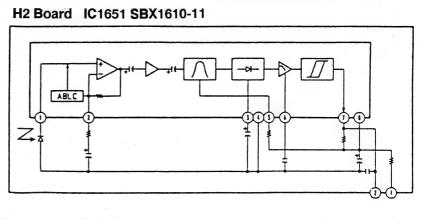


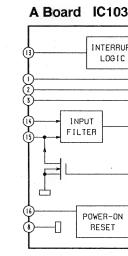


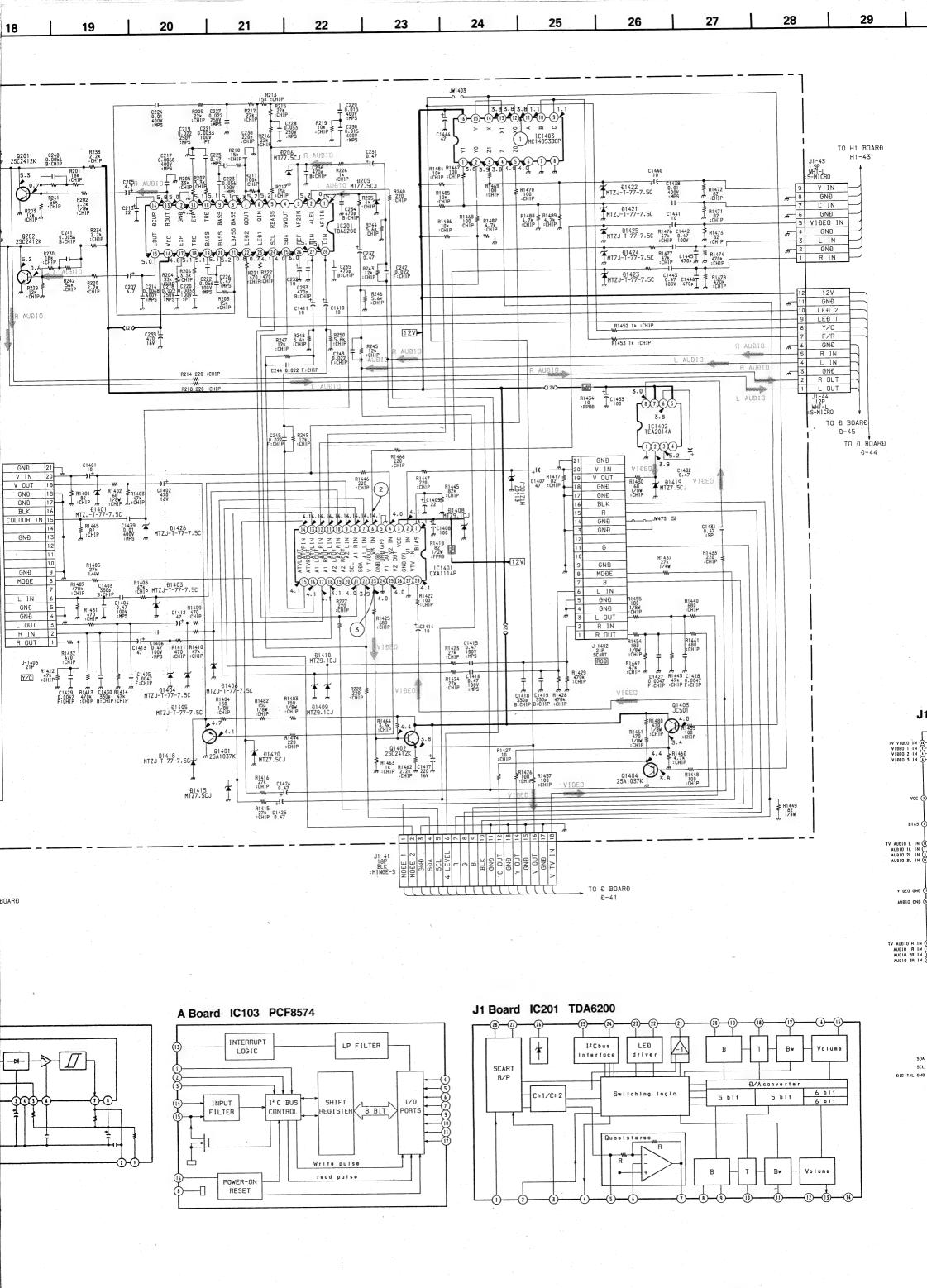


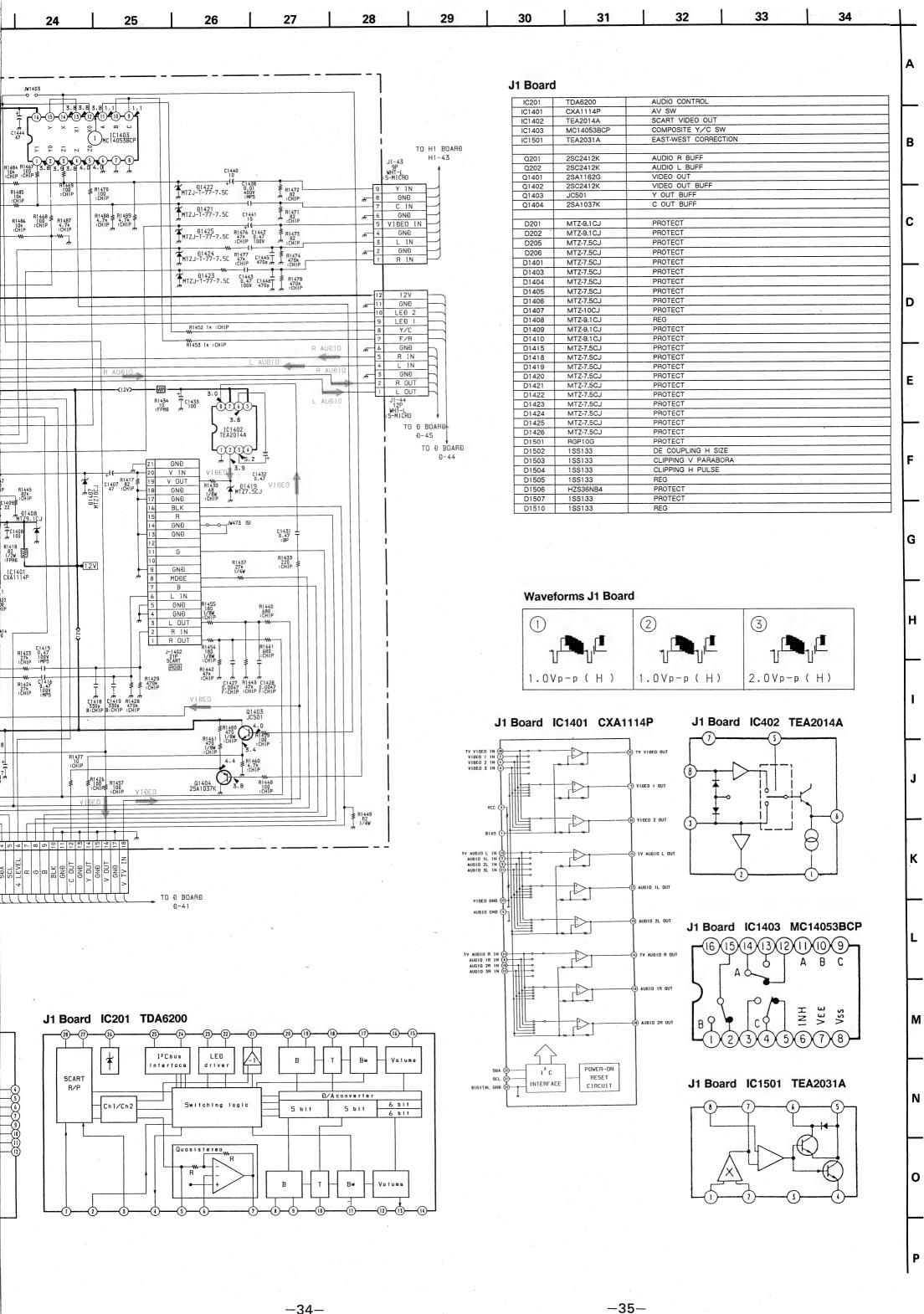
H2 Board

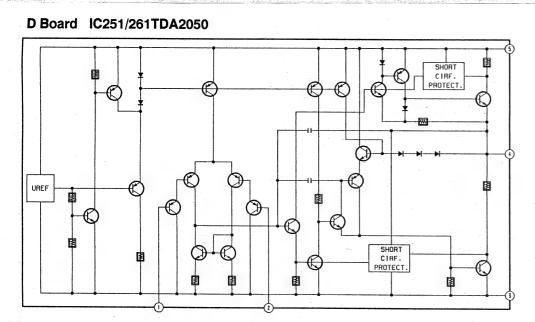
1C1651	SBX1610-11	INFRARED RECIVER
Ð1651	LÐ-201VR	AUÐIO CHANNEL A INÐICATOR
Ð1652	LÐ-201VR	AUDIO CHANNEL B INDICATOR
Ð1654	LÐ-201VR	RESET

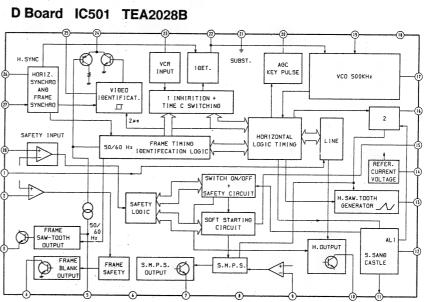


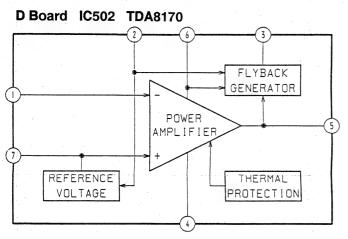


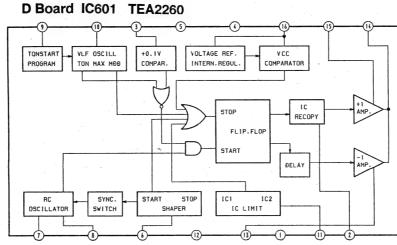




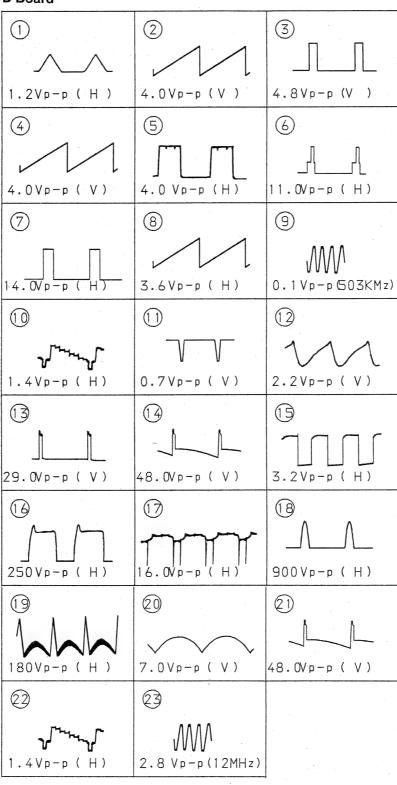






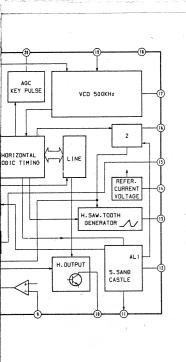


D Board



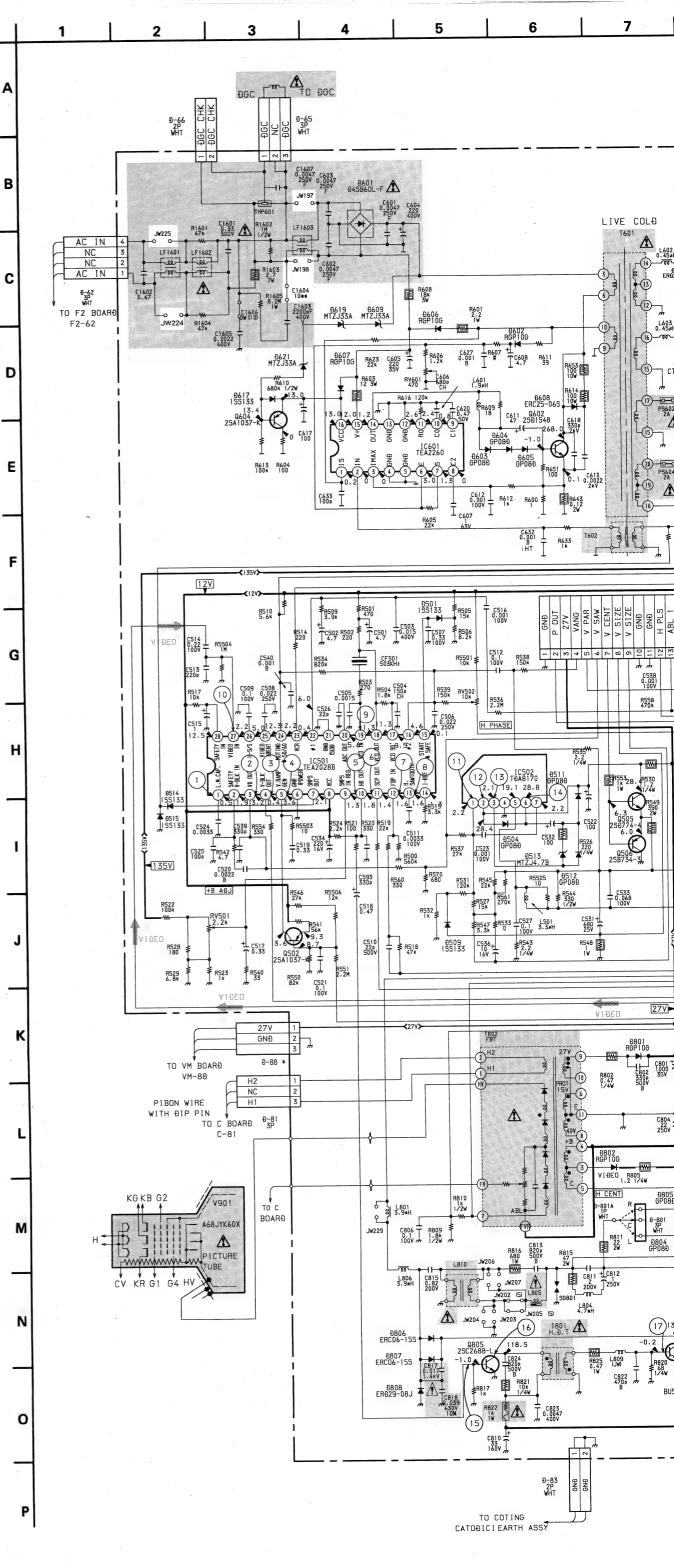
D Board

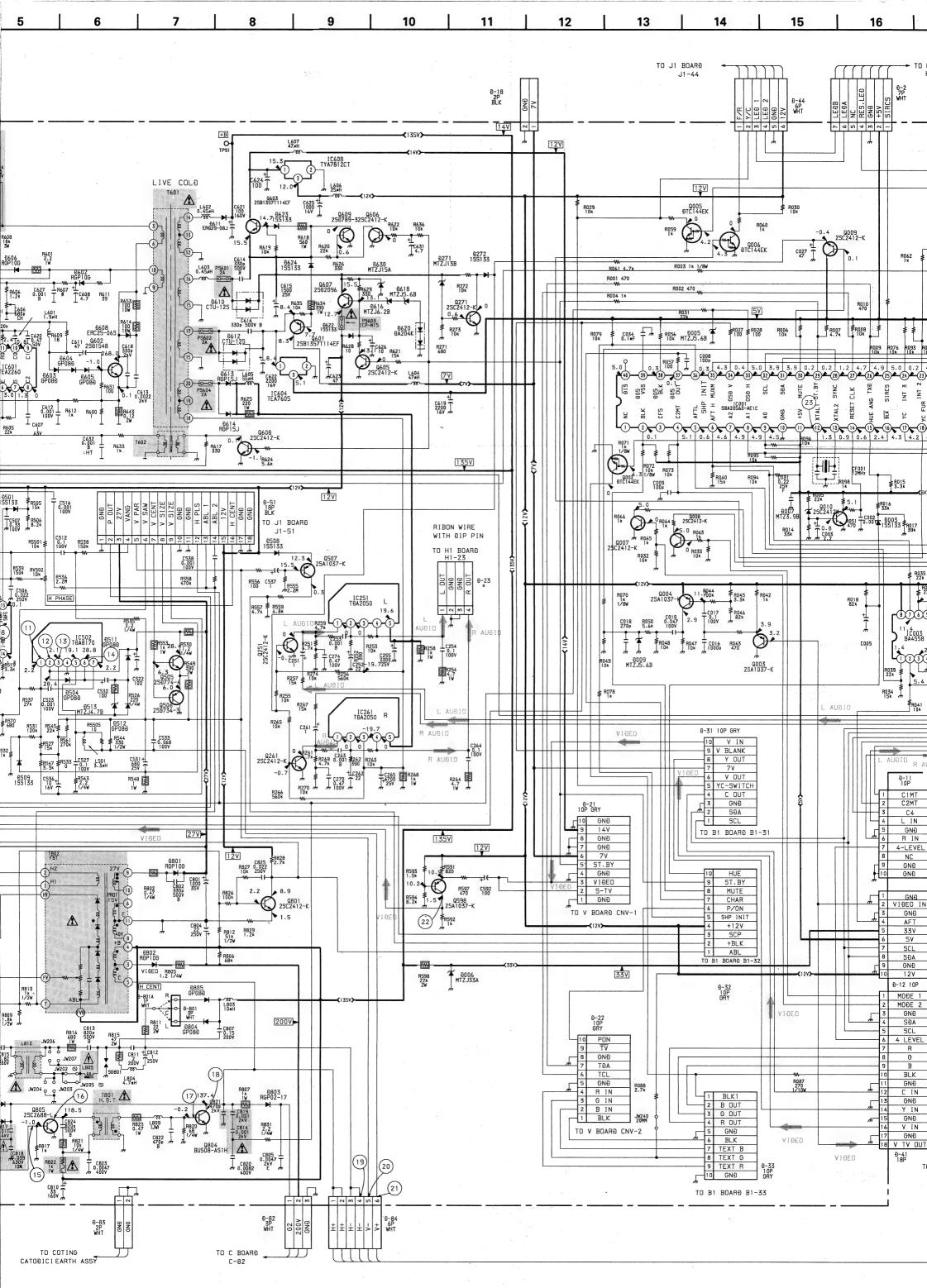
D Board	u	
1C001	SDA20560-AEIC	TUNING CTL
1C002	MC14051BCP	ON SCREEN DISPLAY
10005	BA4558 SDA2546	AFT COMPARATOR MY MEMORY
10251	TĐA2050	AUÐIO OUT (L)
10261	TĐA2050	AUÐIO OUT (R)
10501	TEA2028B	DEFLECTION PROCESSOR
1C502	TĐA8170	V DUT
10601	TEA2260	PRIMARY SMRS CTL
1C604	TEA7605	+5V REG
10608	TYÁ7812CT	+12V REG.
Q001	ÐTC144EK	50/60Hz SW
Q002	DTA144EK	BLK SW
Q003	25A1037-K	SYNC SEPARATOR
Q004	25A1037-K	SYNC SEPARATOR
0005	ÐTC144EK	Y/C SW
9006	ÐTC144EK	FRONT/REAR SW
Q007	25C2412-K	MODE 2 SWITCH
8000	25C2412-K	MOĐE 1 SWITCH
Q009 Q010	2SC2412-K 2SC2412-K	MUTE SW RESET
0251	25C2412-K	AUDIO MUTE
Q261	2SC2412-K	AUDIO MUTE
0271	25C2412-K	VOLTAGE DETECT
Q502	2SA1037-K	CONSTANT CURRENT SOURCE
0505	25Đ774	V CENT
Q506	2SB734	V CENT
0507	25A1037-K	CANAL +BLK
0598	25A1037-K	VIĐEO AMP
Q601 Q602	2SB1357T114EF 2SD1548	STBY SW REG OUT
0603	2SB1357T114EF	STBY SW
0604	25A1037-K	FAST ON/OFF
0605	25C2412-K	STBY SW
Q606	25C2412-K	STBY SW
Q607	25Ð2096-EF	+12V REG
Q608	25C2412K	STBY SW
0609	250789-3	STBY SW
Q801	25C2412-K	ABL AMP
Q804	BU508ASIH 25C2688	H OUT
Q805	2502688	H DRIVER
2007	100177	11115 071
Đ003	155133 MTZJ5.6B	HUE CTL
Đ005 Đ006	MTZJ33A	PROT VC VOLTAGE REGULATION
Đ007	MTZJ3.9B	PLOT RESET
Đ009	MTZJ5.6B	CLIPPING SYNC LEVEL
Đ010	MTZJ6.2B	PROT
Đ011	MTZJ6.2B	PROT
Đ012	155133	PROT
Đ013	MTZJ6.8C	PROT
Đ271	MTZJ13B	VOLTAGE DETECT
Đ272 Đ501	155133	DECOUPING MUTE AUDIO START
Đ504	GP08Đ	V PULSE OUT
Ð506	ĐA204K	CURRENT
Ð508	155133	CANAL +BLK LEVEL
Ð509	155133	V LIN
Ð511	GP08Đ	PROT
Ð512	GP08Đ	PROT
Đ513	MTZJ4.7B	PROT
Ð601 Ð602	D4SB60L-F RGP10G	AC RECT REF RECT
£603	GP08Đ	SMPS DRIVE 1
£604	GP08Đ	SMPS DRIVE 2
Ð605	GP08Đ	SMPS DRIVE 3
£060	RGP10G	+12V RECT
Đ607	RGP10G	REF RECT
£08	ERC25-06S	PLUSE CLIPPER
£609	MTZJ33A CTU-12S	FAST ON/OFF +14V RECT
Ð611	ERÐ29-08J	+135VRECT
Đ612	CTU-12S	+7V RECT
Đ613	RGP15J	AF V RECT-1
Ð614	RGP15J	AF V RECT-2
Ð616	MTZJ6.2B	+12V REG
Ð617	155133	PROT
£618	MTZJ5.6B	+12V REF
Đ619 Đ620	MTZJ33A ĐA204K	FAST ON/OFF-2 +12V REF
Ð621	MTZJ33A	FAST ON/OFF-3
Ð622	155133	PROT
Đ623	155133	DECOUPING STBY
Ð624	155133	DECOUPING STBY
£630	MTZJ15A	+12V RECT
Đ801	RGP10G	+27V RECT
Ð802	RGP10G	+200V RECT
Đ803 Đ804	RG P02-17 GP08Đ	G2 RECT H CENTER-1
£1804 £1805	GP08Đ	H CENTER-2
£0805	ERC06-155	H ĐAMPER-1
Đ807	ERC06-15S	H ĐAMPER-2
£08	ERÐ29-08J	PIN ĐAMPER

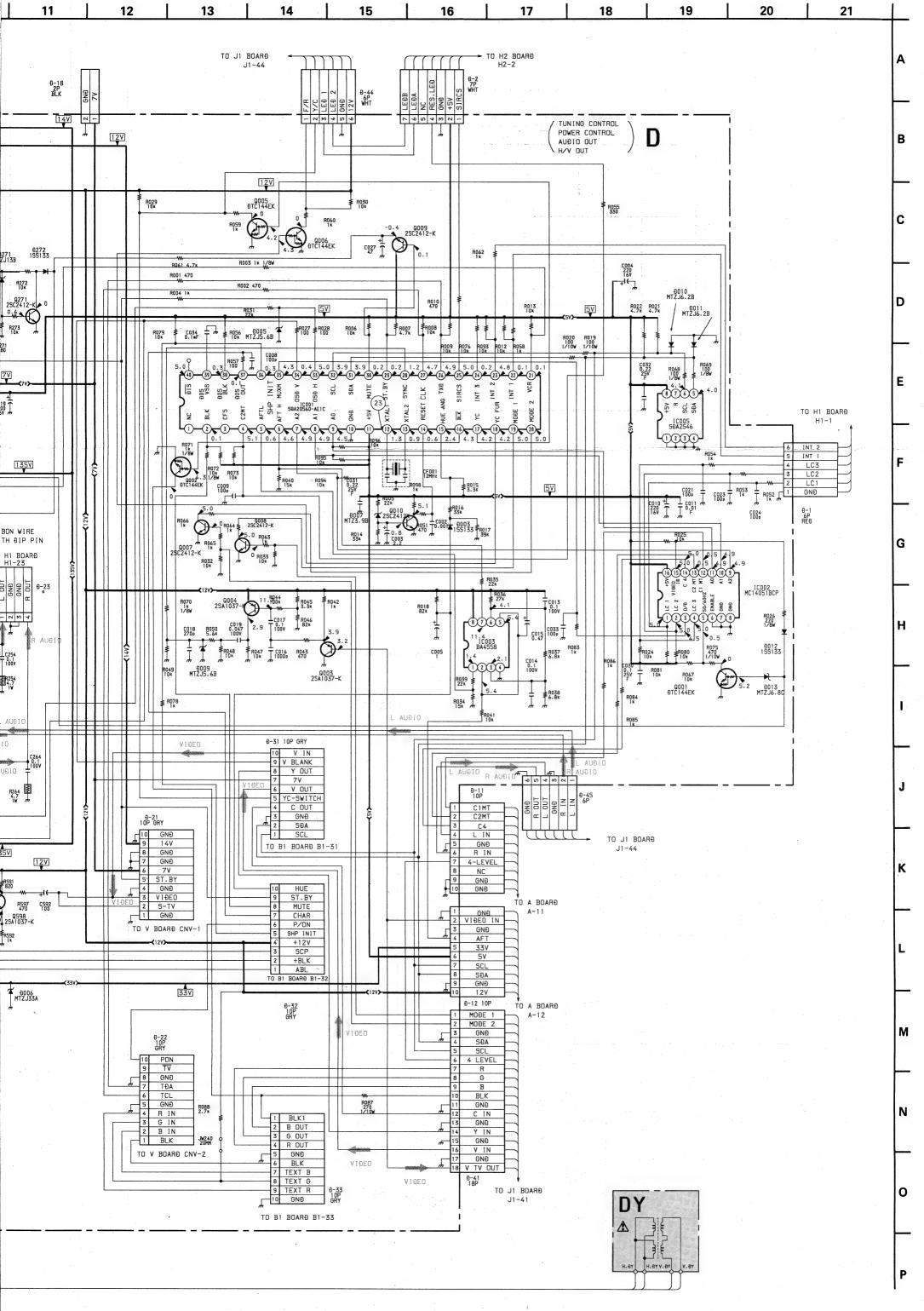


aard

oard		
001	SDA20560-AEIC	TUNING CTL
002	MC14051BCP	ON SCREEN DISPLAY
003	BA4558 SDA2546	AFT COMPARATOR MY MEMORY
251	TĐA2050	AUDIO OUT (L)
261	TĐA2050	AUDIO OUT (R)
501	TEA2028B TĐA8170	DEFLECTION PROCESSOR V OUT
601	TEA2260	PRIMARY SMRS CTL
604	TEA7605	+5V REG
808	TYA7812CT	+12V REG
2001	ĐTC144EK	50/60Hz SW
0002	ĐTA144EK	BLK SW
0003	2SA1037-K	SYNC SEPARATOR
3004	2SA1037-K DTC144EK	SYNC SEPARATOR Y/C SW
3009	DTC144EK	FRONT/REAR SW
2007	25C2412-K	MODE 2 SWITCH
8000	25C2412-K 2SC2412-K	MODE 1 SWITCH MUTE SW
Q009 Q010	25C2412-K	RESET
Q251	25C2412-K	AUÐIO MUTE
Q261	2SC2412-K	AUDIO MUTE
0271 0502	2SC2412-K 2SA1037-K	VOLTAGE DETECT CONSTANT CURRENT SOURCE
Q505	2SĐ774	V CENT
Q506	2SB734	V CENT
Q507	25A1037-K	CANAL +BLK VIĐEO AMP
Q598 Q601	2SA1037-K 2SB1357T114EF	STBY SW
0602	2SDI548	REG OUT
0603	2SB1357T114EF	STBY SW
Q604 Q605	2SA1037-K 2SC2412-K	FAST ON/OFF STBY SW
0606	25C2412-K	STBY SW
Q607	2SÐ2096-EF	+12V REG
0608	25C2412K	STBY SW
Q609 Q801	2SD789-3 2SC2412-K	ABL AMP
Q804	BU508ASIH	H OUT
0805	2502688	H DRIVER
Đ003	155133	HUE CTL PROT
Đ005 Đ006	MTZJ5.6B MTZJ33A	VC VOLTAGE REGULATION
Đ007	MTZJ3.9B	PLOT RESET
Đ009	MTZJ5.6B	CLIPPING SYNC LEVEL
Đ010 Đ011	MTZJ6.2B MTZJ6.2B	PROT PROT
Đ012	155133	PROT
Đ013	MTZJ6.8C	PROT
Đ271 Đ272	MTZJ13B 155133	VOLTAGE DETECT DECOUPING MUTE AUDIO
Ð501	155133	START
Ð504	GP08Đ	V PULSE OUT
Ð506	ĐA204K	CURRENT CANAL +BLK LEVEL
Đ508 Đ509	155133	V LIN
Ð511	GP08Đ	PROT
Ð512	GP08Đ	PROT
Ð513 Ð601	MTZJ4.7B D4SB60L-F	PROT AC RECT
Ð602	RGP10G	REF RECT
Đ603	GP08Đ	SMPS DRIVE 1
£604	GP08Đ GP08Đ	SMPS DRIVE 2 SMPS DRIVE 3
£606	RGP10G	+12V RECT
Đ607	RGP10G	REF RECT
£0608	ERC25-06S MTZJ33A	PLUSE CLIPPER FAST ON/OFF
£610	CTU-125	+14V RECT
Đ611	ERÐ29-08J	+135VRECT
Đ612	RGP15J	+7V RECT AF V RECT-1
Đ613 Đ614	RGP15J	AF V RECT-2
Đ616	MTZJ6.2B	+12V REG
Đ617	155133	PROT +12V REF
Đ618 Đ619		FAST ON/OFF-2
Đ620		+12V REF
Ð621	MTZJ33A	FAST ON/OFF-3
Đ622 Đ623		PROT DECOUPING STBY
£623		DECOUPING STBY
Đ630	MTZJ15A	+12V RECT
£080		+27V RECT +200V RECT
£802		G2 RECT
Đ804		H CENTER-1
Đ805		H CENTER-2
Đ80 <i>6</i>		H ĐAMPER-1 H ĐAMPER-2
980g		PIN ĐAMPER

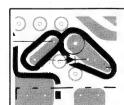






TUNING CONTROL POWER CONTROL
AUDIO OUT H/V OUT

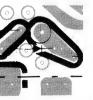
IC		D013 E-2 D271 C-6	
IC001 IC002 IC003 IC005 IC251 IC261 IC501 IC502 IC601 IC604 IC608	B-2 E-2 D-1 H-2 G-5 D-5 H-7 G-7 A-8 A-5 B-3	D272 D501 D504 D508 D509 D511 D512 D513 D514 D515 D601 D602	E-6 I-8 F-6 J-6 F-7 G-7 G-7 G-6 F-6 B-10 C-8
TRANSISTOR		D603 D604	A – 7 A – 7
Q001 Q002 Q003 Q004 Q005 Q006 Q007 Q008 Q009 Q010 Q251 Q261 Q505 Q505 Q505 Q505 Q505 Q505 Q505 Q601 Q602 Q603 Q604 Q605 Q606 Q607 Q608 Q609 Q801 Q804 Q805	E-3 E-3 F-2 E-12 E-12 E-12 E-12 E-12 E-12 E-12 E-12 E-12 E-15 E-1	D605 D606 D607 D608 D609 D610 D611 D612 D613 D614 D616 D617 D618 D619 D620 D621 D622 D623 D624 D630 D801 D802 D803 D804 D805 D806 D807 D808	CCCBCBCEBAAEBEBEBEBCEGH-1991221
DIODE		-	J – 11
D003	B – 3	(+ B)	
D005 D006 D007 D009 D010	I – 2 G – 1 B – 2 F – 1	RESI:	
D011 D012	I – 2 D – 2	RV502 RV601	1-8 A-8



NOTE: The circuit indicate 600 Vp-p. Care musinspection or repair

- D Board -

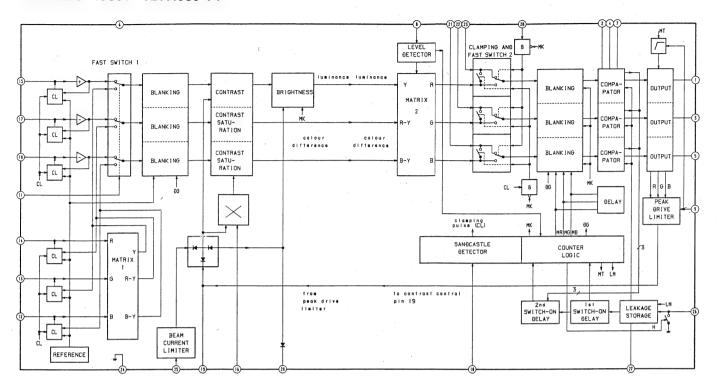
	*	
IC 01 B-2 02 E-2 03 D-1 05 H-2 51 G-5 61 D-5 01 H-7 02 G-7 01 A-8 04 A-5 08 B-3 ANSISTOR	D013 E - 2 D271 C - 6 D272 E - 6 D501 I - 8 D504 F - 6 D508 J - 6 D509 F - 7 D511 G - 7 D512 G - 7 D513 G - 7 D514 G - 6 D505 F - 6 D601 B - 10 D602 C - 8 D603 A - 7	
E - 2 D2 E - 3 D3 F - 2 D6 C - 1 D7 H - 2 D8 D A - 5 D8 D A - 5 D7 D - 7 D8 D - 7 D9 D - 6 D9 D - 7 D9 D	D515 F - 6 D601 B - 10 D602 C - 8 D603 A - 7 D604 A - 7 D605 C - 8 D606 C - 8 D607 B - 8 D608 C - 9 D609 B - 8 D610 C - 5 D611 E - 7 D612 B - 5 D613 A - 6 D614 A - 6 D616 E - 6 D617 B - 7 D618 E - 6 D619 B - 8 D620 E - 6 D621 B - 8 D622 E - 6 D621 B - 8 D622 E - 6 D623 B - 5 D624 C - 5 D630 E - 7 D801 G - 10 D802 H - 12 D803 I - 13 D804 F - 9 D805 F - 9 D806 F - 12 D807 F - 12 D808 E - 11	
DIODE 3 B – 3	TP91 J – 11 (+ B)	
5 I – 2 16 G – 1 17 B – 2 19 F – 1	VARIABLE RESISTOR	
0 I-2 1 I-2 2 D-2	RV501 G - 6 RV502 I - 8 RV601 A - 8	



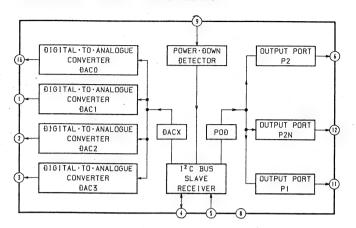
NOTE:

The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.

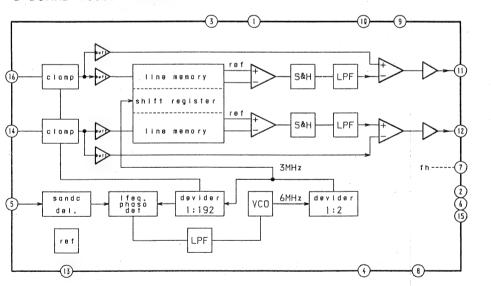
B1 Board IC301 TDA4580-V4



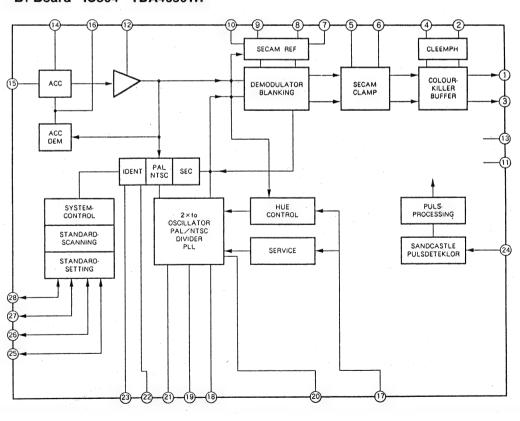
B₁ Board IC302 TDA8442-N3



B BOARD IC303 TDA4660



B₁ Board IC304 TDA4650WP



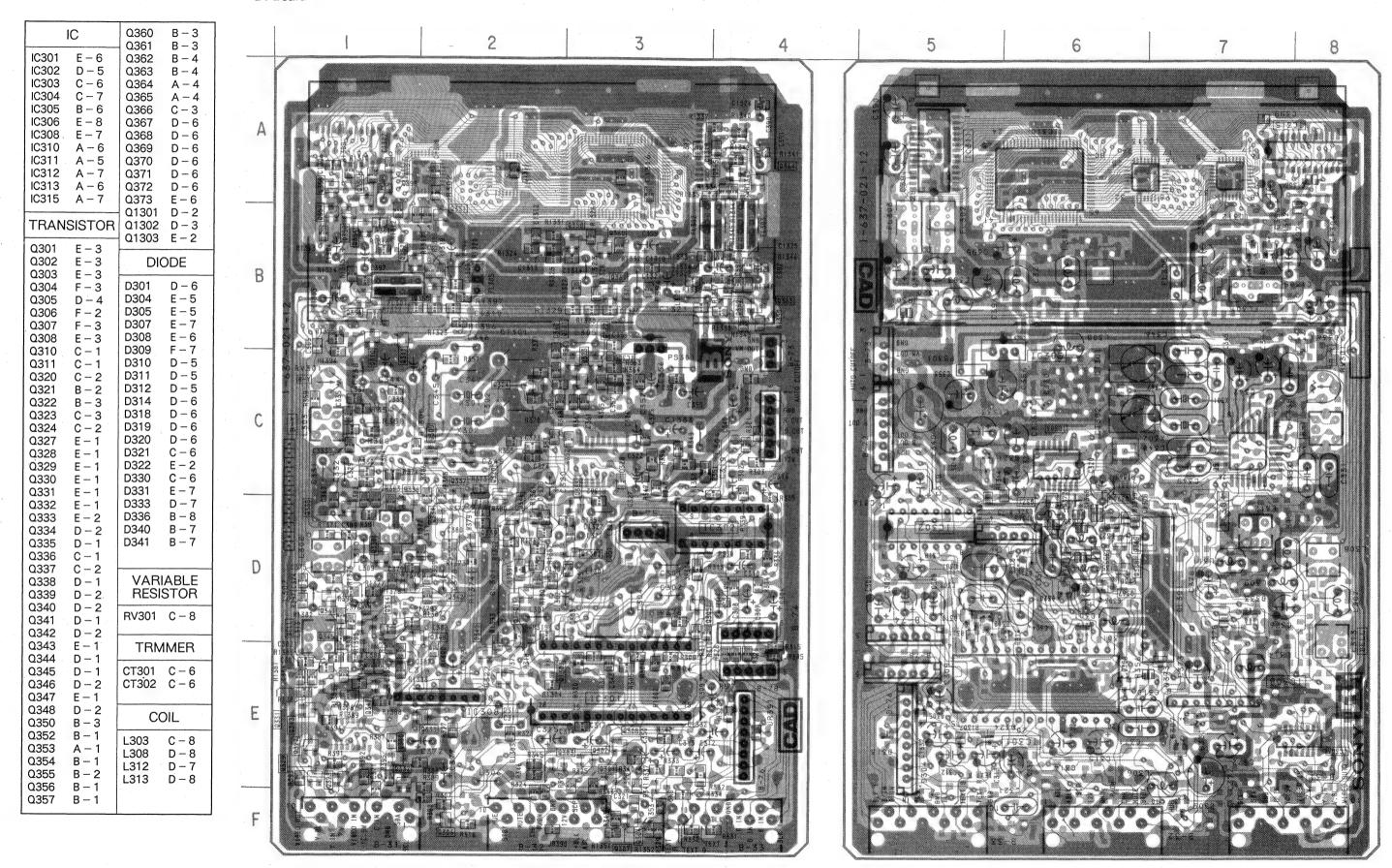
TRANSISTOR E-3 E-3 F-3 Q301 Q302 Q303 Q304 Q305 D – 4 F-2 F-3 E-3 C-1 Q306 Q307 Q308 Q310 Q311 C-2 B-2 B-3 C-3 Q320 Q321 Q322 Q323 Q324 Q327 E – 1 Q328 Q329 Q330 E - 1 Q331 E – 1 Q332 E - 1 Q333 E – 2 D-2 Q334 Q335 D - 1C - 1 Q336 Q337 Q338 C - 2 D – 1 Q339 D-2D - 2 Q340 Q341 D - 1 Q342 D - 2Q343 E - 1 Q344 D - 1 Q345 D - 1 Q346 D - 2 Q347 E - 1 D-2Q348 Q350 B - 3 Q352 B = 1 Q353 A = 1 Q354 B-1 B - 2 Q355 Q356 B-1 Q357 B-1

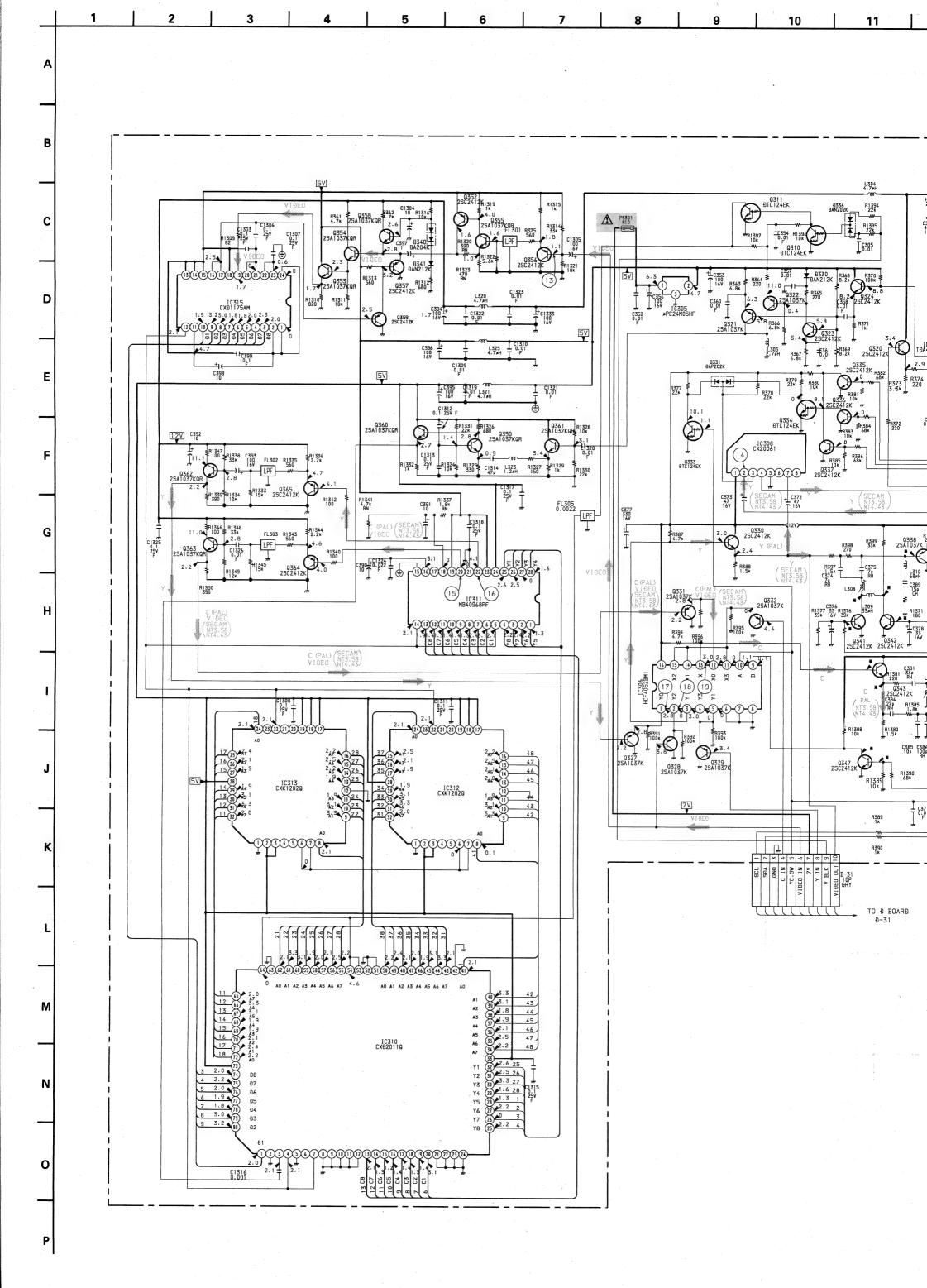
B₁

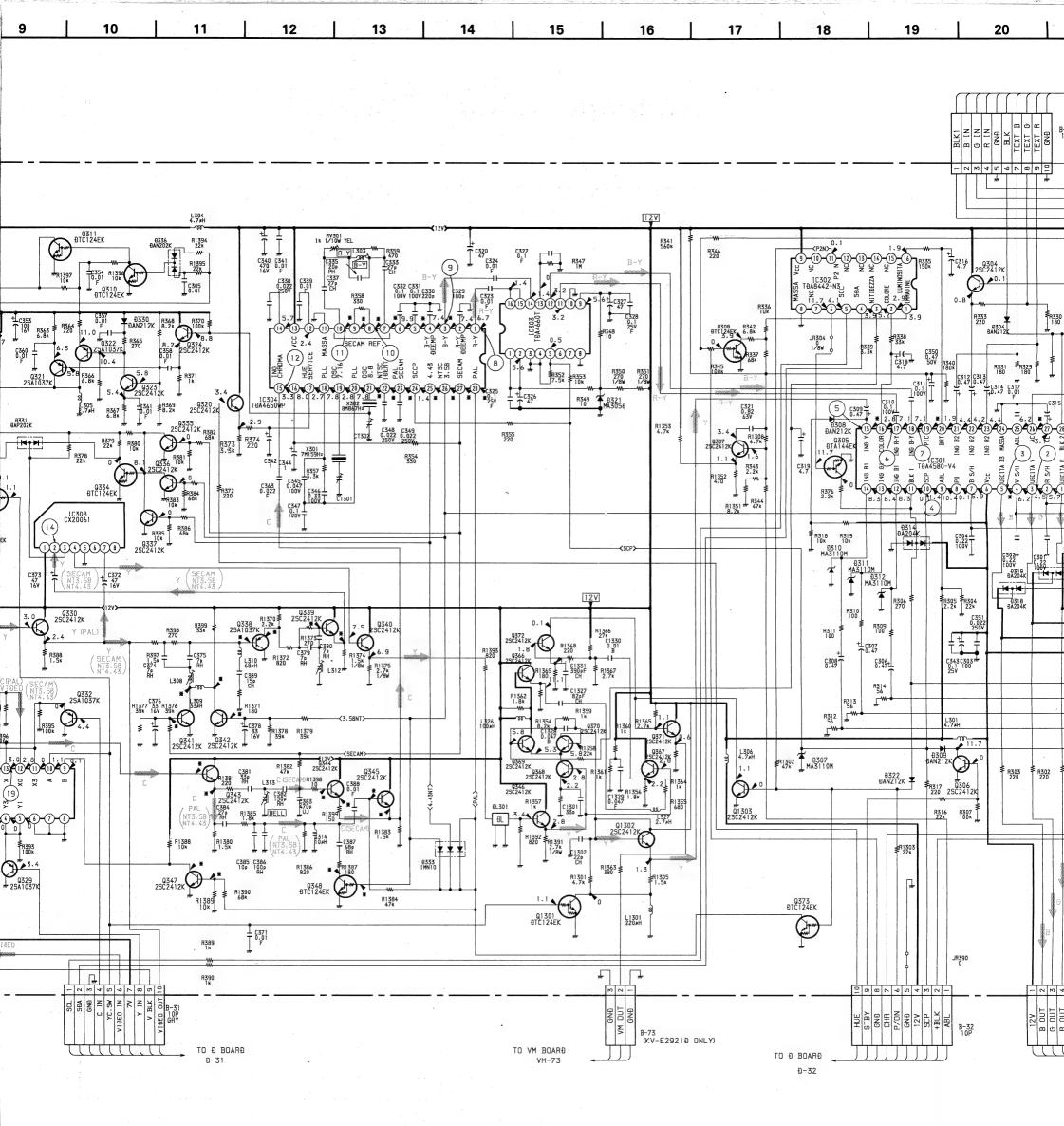
VIDEO PROCESSOR, COLOR PROCESSOR Y/C SW, D/A CONVERTER, MEMORY, A/D CONVERTER

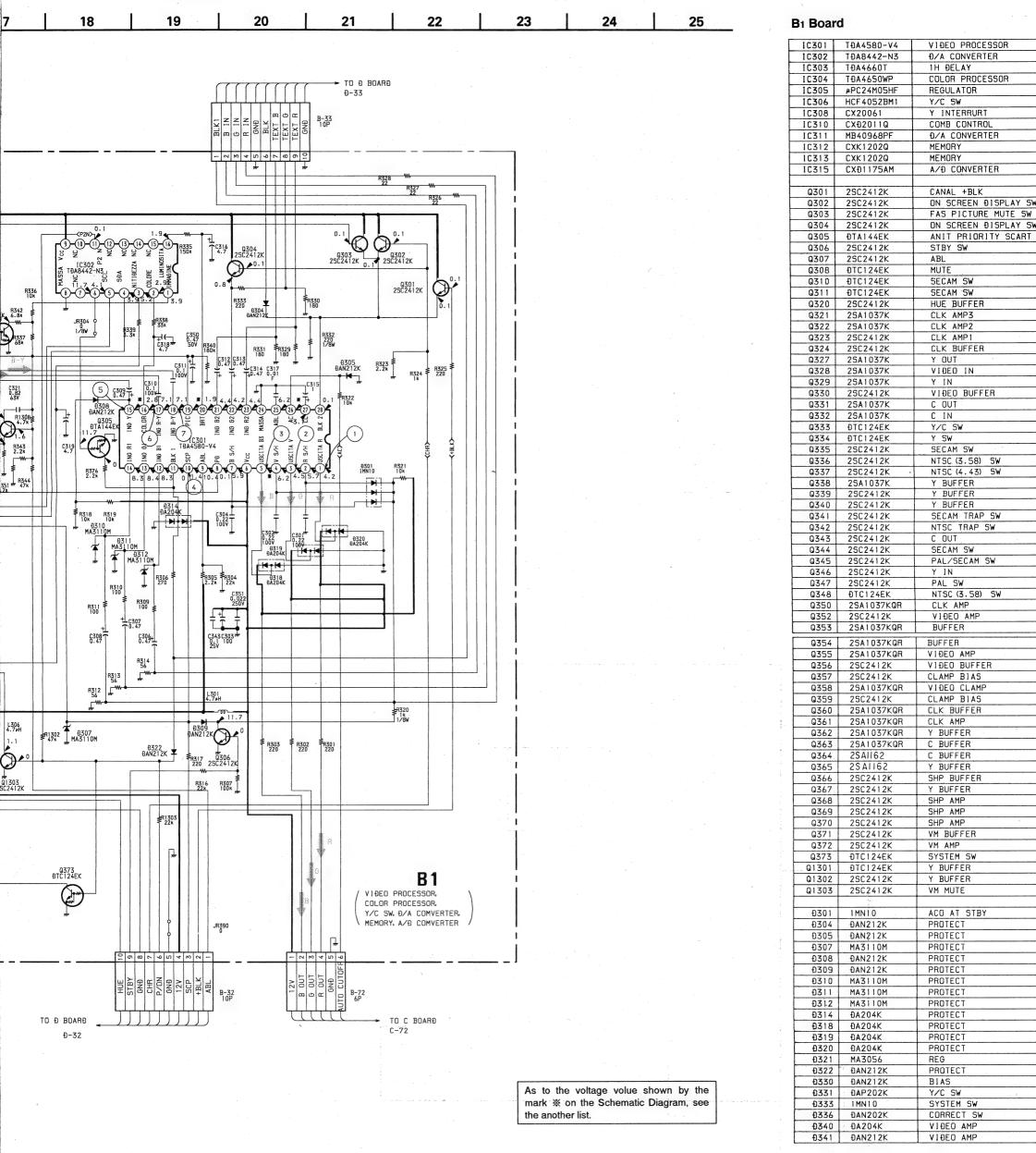
- B1 Board -

: pattern from the side which enables seeing.
 : pattern of the rear side.









B₁ Board

IC·NO	PIN·NO	PAL	SECAM	NTSC 3.38	NTSC 4.43
	(5)	5.1	4.8	4.8	4.8
	(15)	7.3	7.0	7.0	7.0
10301	(19)	3.1	3.4	3.8	3.4
	(26)	6.6	6.6	6.0	6.3
	(3)	6.8	6.8	6.9	6.8
	(5)	9.9	10.1	9.9	9.9
	(7)	4.3	3.5	4.6	4.6
	(8)	3.4	3.0	3.4	3.4
	(9)	3.4	3.0	3.4	3.4
	(10)	4.3	3.4	4.6	4.6
10304	(21)	2.3	3.1	3.1	2.3
10504	(22)	5.6	5.6	5.6	7.4
	(23)	7.5	7.5	5.7	5.7
	(25)	0	1.4	5.9	5.9
	(26)	0	0	0	0
	(27)	0	5.9	0	. 0
	(28)	5.9	- 0	. 0	0

Q·NO		PAL
0338	В	2.6
4330	Ε	3.3
0339	В	3.2
4333	Ε	3.6
Q341	В	. 0
W341	С	11.8
Q342	В	0
U342	С	11.7
0343	В	3.2
W343	Ε	2.6
Q344	В	0
U344	Ε	4.0
Q345	В	4.6
W343	E	4.0
0347	В	0.6
U347	C	0.1
Q348	В	0.1
W340	С	0.4
		-

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IC301	TĐA4580-V4	VIĐEO PROCESSOR
1C302 1C303	TĐA8442-N3 TĐA4660T	Đ/A CONVERTER 1H ĐELAY
1C304	T0A4650WP	COLOR PROCESSOR
10305	#PC24M05HF	REGULATOR
10306	HCF4052BM1	Y/C SW
1C308 1C310	CX20061 CXĐ2011Q	Y INTERRURT COMB CONTROL
IC311	MB40968PF	Đ/A CONVERTER
IC312	CXK1202Q	MEMORY
10313	CXK1202Q CXÐ1175AM	MEMORY A/D CONVERTER
10313	CABITITANI	A/ B CONTENTEN
Q301	25C2412K	CANAL +BLK
Q302 Q303	25C2412K 25C2412K	ON SCREEN DISPLAY SW FAS PICTURE MUTE SW
Q304	25C2412K	ON SCREEN DISPLAY SW
Q305	ĐTA144EK	ANIT PRIORITY SCART
0306	25C2412K 25C2412K	STBY SW
Q307 Q308	DTC124EK	ABL MUTE
Q310	ĐTC124EK	SECAM SW
0311	ĐTC124EK	SECAM SW
Q320 Q321	2SC2412K 2SA1037K	HUE BUFFER CLK AMP3
0322	25A1037K	CLK AMP2
Q323	25C2412K	CLK AMP1
Q324 Q327	25C2412K 25A1037K	CLK BUFFER Y OUT
Q327	25A1037K	VIĐEO IN
Q329	25A1037K	Y IN
0330	25C2412K	VIĐEO BUFFER
Q331 Q332	25A1037K 25A1037K	C IN
Q333	DTC124EK	Y/C SW
Q334	DTC124EK	Y SW
Q335 Q336	25C2412K	SECAM SW NTSC (3.58) SW
Q337	25C2412K	NTSC (4.43) SW ~
Q338	25A1037K	Y BUFFER
Q339 Q340	25C2412K 2SC2412K	Y BUFFER Y BUFFER
Q341	25C2412K	SECAM TRAP SW
Q342	25C2412K	NTSC TRAP SW
Q343 Q344	2SC2412K 2SC2412K	C OUT SECAM SW
Q345	25C2412K	PAL/SECAM-SW
Q346	25C2412K	Y IN
Q347 Q348	25C2412K 0TC124EK	PAL SW NTSC (3.58) SW
Q350	2SA1037KQR	CLK AMP
0352	25C2412K	VIĐEO AMP
Q353	2SA1037KQR	BUFFER
Q354 Q355	25A1037KQR 25A1037KQR	BUFFER VIĐEO AMP
Q356	25C2412K	V1DEO BUFFER
Q357	25C2412K	CLAMP BIAS
Q358 Q359	25A1037KQR 25C2412K	VIĐEO CLAMP CLAMP BIAS
Q360	25A1037KQR	CLK BUFFER
Q361	25A1037KQR	CLK AMP
Q362 Q363	25A1037KQR 25A1037KQR	Y BUFFER C BUFFER
Q364.	2SAII62	C BUFFER
Q365	2SA1162	Y BUFFER
Q366	25C2412K	SHP BUFFER
Q367 Q368	25C2412K 25C2412K	Y BUFFER SHP AMP
Q369	25C2412K	SHP AMP
Q370	25C2412K	SHP AMP
Q371 Q372	25C2412K 25C2412K	VM BUFFER VM AMP
Q373	DTC124EK	SYSTEM SW
Q1301	DTC124EK	Y BUFFER
Q1302 Q1303	25C2412K 25C2412K	Y BUFFER VM MUTE
WIJU5	25U2412K	YE HUIE
Ð301	1MN10	ACO AT STBY
Đ304	ĐAN212K	PROTECT
Đ305 Đ307	DAN212K MA3110M	PROTECT PROTECT
£308	ĐAN212K	PROTECT
Đ309	ĐAN212K	PROTECT
Đ310 Đ311	MA3110M MA3110M	PROTECT PROTECT
Đ312	MA3110M	PROTECT
Ð314	ĐA204K	PROTECT
£318	ĐA204K	PROTECT
Đ319 Đ320	ĐA204K ĐA204K	PROTECT PROTECT
Ð321	MA3056	REG
Đ322	ĐAN212K	PROTECT
Đ330 Đ331	ĐAN212K ĐAP202K	BIAS Y/C SW
Đ333	1MN10	SYSTEM SW
Đ336	ĐAN202K	CORRECT SW
Ð340	• ĐA204K	VIĐEO AMP

he voltage volue shown by the on the Schematic Diagram, see ther list.

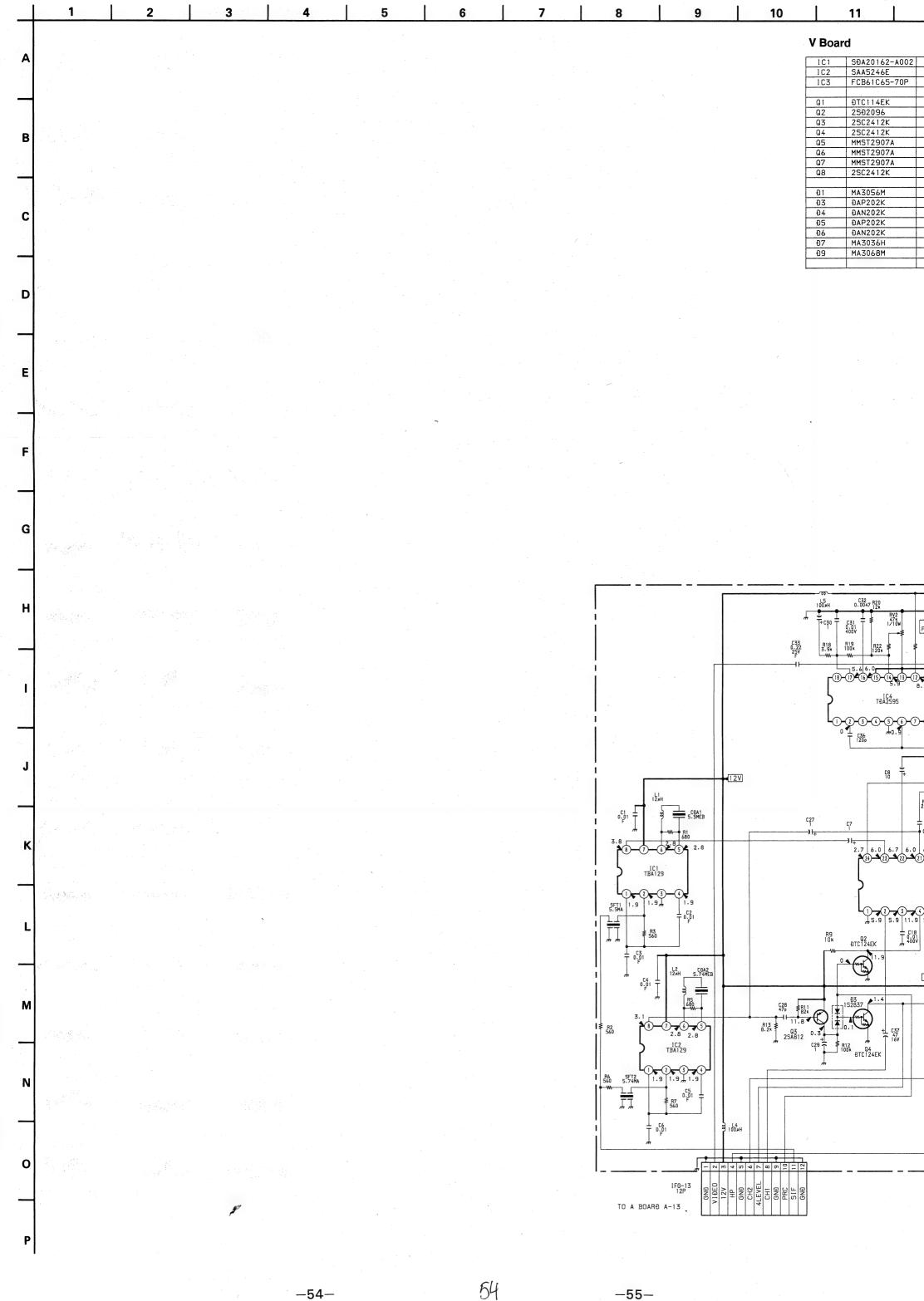
B₁ Board

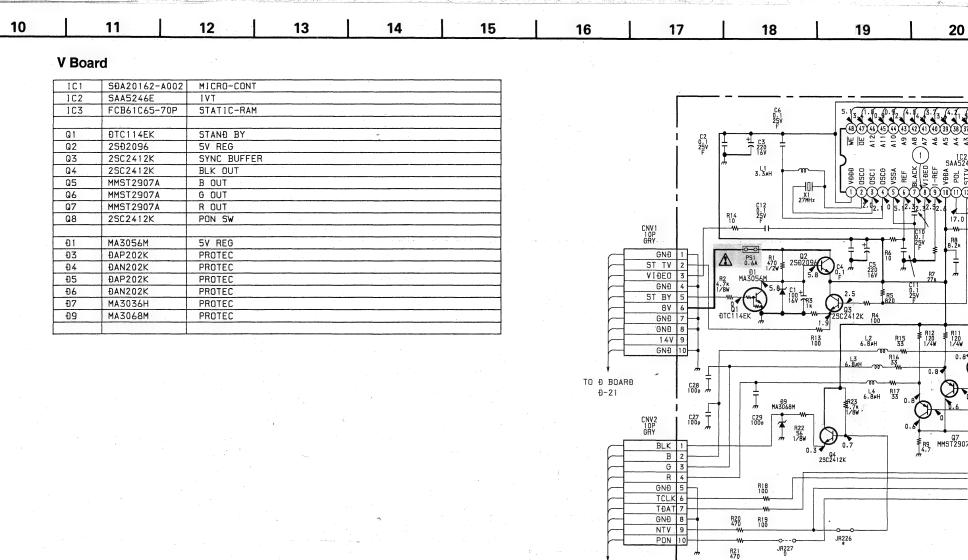
IC·NO	PIN·NO	PAL	SECAM	NTSC 3.38	NTSC 4.43
	(5)	5.1	4.8	4.8	4.8
	(15)	7.3	7.0	7.0	7.0
IC301	(19)	3.1	3.4	3.8	3.4
	(26)	6.6	6.6	6.0	6.3
	. (3)	6.8	6.8	6.9	6.8
	(5)	9.9	10.1	9.9	9.9
	7)	4.3	3.5	4.6	4.6
	(8)	3.4	3.0	3.4	3.4
	9)	3.4	3.0	3.4	3.4
	(10)	4.3	3.4	4.6	4.6
1C304	(21)	2.3	3.1	3.1	2.3
10304	(22)	5.6	5.6	5.6	7.4
	(23)	7.5	7.5	5.7	5.7
	(25)	0	1.4	5.9	5.9
	(26)	0	0	0	0
	(27)	. 0	5.9	0	0
	(28)	5.9	0	0	0

Q·NO		PAL	SECAM	NTSC 3.38	NTSC 4.43
0338	В	2.6	3.9	3.9	3.9
W330	E	3.3	4.6	4.6	4.6
0339	В	3.2	4.6	4.6	4.6
4339	Ε	3.6	3.9	3.9	3.9
Q341	В	0	0.6	0.4	0.1
U341	С	11.8	0	11.6	11.6
07/2	В	0	0	0.4	0
0342	C	11.7	0	11.7	11.7
Q343	В	3.2	5.3	5.3	5.3
U343	E	2.6	4.6	4.7	4.7
Q344	В	0	5.4	1.0	0.1
U344	E	4.0	4.8	1.5	4.5
Q345	В	4.6	0.1	1.9	5.0
W343	E	4.0	4.4	1.4	4.4
Q347	В	0.6	0	0 .	0
U34/	С	0.1	11.9	11.9	11.9
07/0	В	0.1	0.1	1.0	0.1
0348	C	0.4	0.2	0.2	0.4

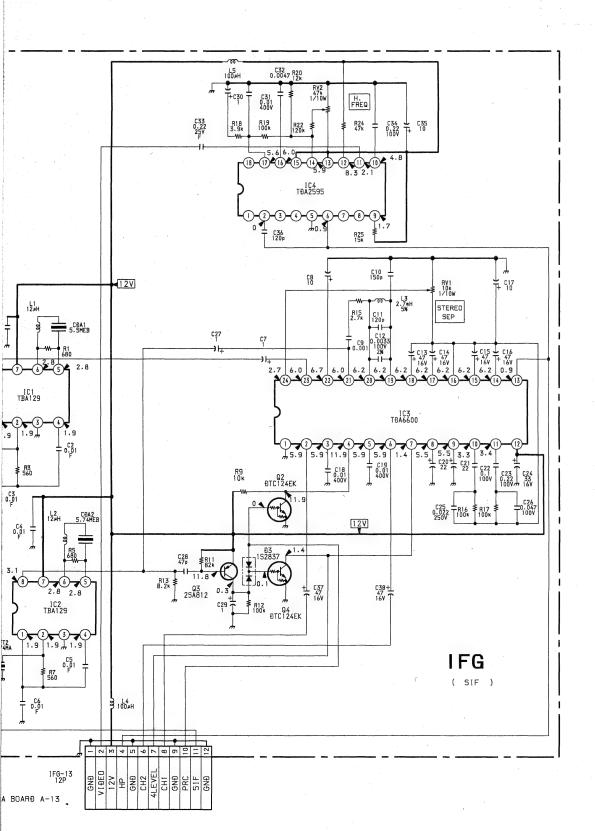
Waveforms B₁ Board

1	Waveforms B ₁ Boa	ard	
	1 PAL	1 SECAM	1 NTSC3.58/ NTSC4.43
	بالسالسال	ı mm r	n fi r
	5.4Vp-p (H)	4.8Vp-p (H)]
	(2) PAL	(2) SECAM	2 NTSC3.58/ NTSC4.43
			MISCALAS
		רת יותן 4.8 Vp~p (H)	2.6 Vp-p (H)
	(3) PAL	3 SECAM	③1 (NTSC3.58/
	ու խու խու խ	ւյտայ	ALLE THE THE TAIL THE T
	5.4Vp-p (H)	Доод: 5.0Vp-p (Н)	6.2Vp-p(H)
	(4)	(5) PAL	(5) SECAM
	_	Johnson	Jumes
		0.4Vp-p (H)	0.3Vp-p(H)
	5 NTSC3.58/ NTSC4.43	6 PAL/SECAM	6 NTSC3.58/ NTSC4.43
	+	<u></u>	-\ <u>1</u> \\1 \\1 _
	0.6Vp-p(H)	1.1Vp-p (H)	1.2Vp-p(H)
	7 PAL/SECAM	7 NTSC3.58/ NTSC4.43	8 PAL
		ے لیس کے ا	111
	1.4Vp-p (H)	1.4Vp-p (H)	0.6Vp-p(H)
	8 SECAM	8 NTSC3.58/ NTSC4.43	9 PAL
	111	-7 1-7 1-7 1-	
	1.2Vp-p (H)	0.8Vp-p(H)	0.7Vp-p (H)
	9 SECAM	91 (\f\$503.58/	10 SECAM
		AUM-AUM-AU	3 Andrews Andrews
	1,4Vp-p (H)	0.85Vp-p (H)	0.2Vp-p (H)
	1) SECAM	12 PAL	12 SECAM
		Interpretation of the last of	3 files and the
	1.2Vp-p (H)	0.16Vp-p (H)	0.2Vp-p(H)
	NTSC3.58/ NTSC4.43	13 PAL	13 SECAM
	THE PERSON AND THE	T. T. T.	STATE OF STA
	0.3Vp-p(H)	1.0Vp-p (H)	0.8Vp-p(H)
	13 NTSC3.58	13 NTSC4.43	14 PAL
	-1		Lumy
	0.9Vp-p (H)	0.95Vp-p (H)	0.8Vp-p (H)
	14 SECAM	14 NTSC3.58	14 NTSC4.43
	Lowery		
	0.7Vp-p (H)	0.6Vp-p (H)	0.8Vp-p(H)
	15 PAL	15 SECAM	15 NTSC3.58
	B-4-11111-4-4	and the state of t	344
	0.7Vp-p (H)	0.1Vp-p (H)	0.5Vp-p(H)
	15 NTSC4.43	PAL/SECAM	16 NTSC3.58
- 1	3 Marian Mr.	Married !	
	0.6Vp-p(H)	0.9 Vp-p (H)	0.7Vp-p (H)
	16 NTSC4.43	17 PAL	17 NTSC3.58
	and freed freed free	Married 1	344 MARIE PAR
	0.8Vp-p (H)	1.9Vp-p (H)	0.4Vp-p (H)
	17) NTSC4.43	18 PAL	18 SECAM
	3 HARRIST HE	3-Marian Mr.	Participation of the Spinish
	0.2Vp-p (H)	0.2Vp-p(H)	0.8Vp-p (H)
	(19) PAL	19 SECAM	NTSC3.58/ NTSC4.43
	Wilegrandla =	Page 1	
	-4-4 AMP -4-4	Special Property Special	
	0.6Vp-p (H)	0.8Vp-p (H)	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1





TO D BOARD

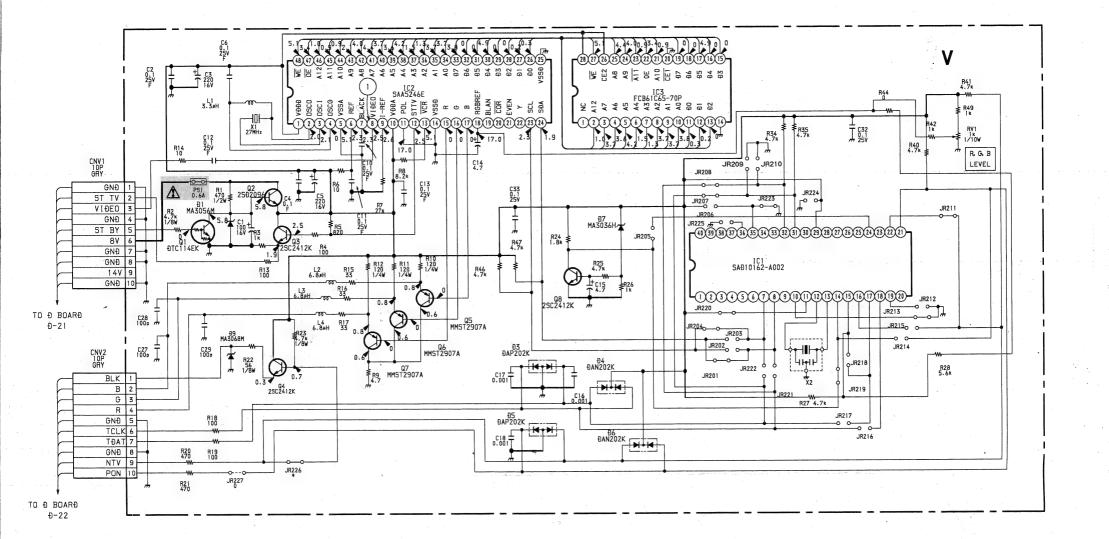


C Board

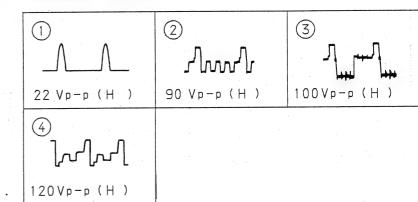
Q702 JC501 R ĐRIVE Q703 ĐF871 R OUT Q704 2SA10910 ACD MEASURING Q705 JC501 G ĐRIVE Q706 BF871 G OUT Q707 2SA10910 ACD MEASURING Q708 JC501 B ĐRIVE Q709 BF871 B OUT Q701 ZSA10910 ACD MEASURING D701 MTZJ9.1C PROTECT D702 1SS133 PROTECT D703 1SS133 PROTECT D704 1SS133 PROTECT D705 1SS133 PROTECT D706 1SS133 PROTECT D707 1SS133 PROTECT D708 1SS133 PROTECT D709 1SS133 PROTECT D710 1SS133 PROTECT D711 RGP10G HEATING VOLTAGE REC D713 1SS133 PROTECT				Algorithm of the
Q704 2SA10910 ACD MEASURING Q705 JC501 G ĐRIVE Q706 BF871 G OUT Q707 2SA10910 ACD MEASURING Q708 JC501 B ĐRIVE Q709 BF871 B OUT Q710 2SA10910 ACO MEASURING Đ701 MTZJ9.1C PROTECT Đ702 1SS133 PROTECT Đ703 1SS133 PROTECT Đ704 1SS133 PROTECT Đ705 1SS133 PROTECT Đ706 1SS133 PROTECT Đ707 1SS133 PROTECT Đ708 1SS133 PROTECT Đ709 1SS133 PROTECT Đ710 1SS133 PROTECT Đ711 RGP10G HEATING VOLTAGE REC	Q702	JC501	R DRIVE	. t.
Q705 JC501 G DRIVE Q706 BF871 G OUT Q707 2SA10910 ACD MEASURING Q708 JC501 B DRIVE Q709 BF871 B OUT Q710 2SA10910 ACD MEASURING D701 MTZJ9.1C PROTECT D702 1SS133 PROTECT D703 1SS133 PROTECT D704 1SS133 PROTECT D705 1SS133 PROTECT D706 1SS133 PROTECT D707 1SS133 PROTECT D708 1SS133 PROTECT D709 1SS133 PROTECT D710 1SS133 PROTECT D711 RGP10G HEATING VOLTAGE REC	Q703	ÐF871	R OUT	
Q706 BF871 G OUT Q707 2SA10910 ACD MEASURING Q708 JC501 B ĐRIVE Q709 BF871 B OUT Q710 2SA10910 ACD MEASURING Đ701 MTZJ9.1C PROTECT Đ702 1SS133 PROTECT Đ703 1SS133 PROTECT Đ704 1SS133 PROTECT Đ705 1SS133 PROTECT Đ706 1SS133 PROTECT Đ707 1SS133 PROTECT Đ708 1SS133 PROTECT Đ709 1SS133 PROTECT Đ710 1SS133 PROTECT Đ711 RGP10G HEATING VOLTAGE REC	Q704	2SA10910	ACO MEASURING	
Q707 2SA10910 ACD MEASURING Q708 JC501 B ĐRIVE Q709 BF871 B OUT Q710 2SA10910 ACO MEASURING Đ701 MTZJ9.1C PROTECT Đ702 1SS133 PROTECT Đ703 1SS133 PROTECT Đ704 1SS133 PROTECT Đ705 1SS133 PROTECT Đ706 1SS133 PROTECT Đ707 1SS133 PROTECT Đ708 1SS133 PROTECT Đ709 1SS133 PROTECT Đ710 1SS133 PROTECT Đ711 RGP10G HEATING VOLTAGE REC	Q705	JC501	G DRIVE	
Q708 JC501 B DRIVE Q709 BF871 B OUT Q710 2SA10910 ACO MEASURING D701 MTZJ9.1C PROTECT D702 1SS133 PROTECT D703 1SS133 PROTECT D704 1SS133 PROTECT D705 1SS133 PROTECT D706 1SS133 PROTECT D707 1SS133 PROTECT D708 1SS133 PROTECT D709 1SS133 PROTECT D710 1SS133 PROTECT D711 RGP10G HEATING VOLTAGE REC	Q706	BF871	G OUT	
Q709 BF871 B OUT Q710 2SA10910 ACD MEASURING Đ701 MTZJ9.1C PROTECT Đ702 1SS133 PROTECT Đ703 1SS133 PROTECT Đ704 1SS133 PROTECT Đ705 1SS133 PROTECT Đ706 1SS133 PROTECT Đ707 1SS133 PROTECT Đ708 1SS133 PROTECT Đ709 1SS133 PROTECT Đ710 1SS133 PROTECT Đ711 RGP10G HEATING VOLTAGE REC	Q707	2SA10910	ACO MEASURING	
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0701 MTZJ9.1C PROTECT 0702 1SS133 PROTECT 0703 1SS133 PROTECT 0704 1SS133 PROTECT 0705 1SS133 PROTECT 0706 1SS133 PROTECT 0707 1SS133 PROTECT 0708 1SS133 PROTECT 0709 1SS133 PROTECT 0710 1SS133 PROTECT 0711 RGP10G HEATING VOLTAGE REC	Q709	BF871	B OUT	
Đ702 1SS133 PROTECT Đ703 1SS133 PROTECT Đ704 1SS133 PROTECT Đ705 1SS133 PROTECT Đ706 1SS133 PROTECT Đ707 1SS133 PROTECT Đ708 1SS133 PROTECT Đ709 1SS133 PROTECT Đ710 1SS133 PROTECT Đ711 RGP100 HEATING VOLTAGE REC	Q710	2SA10910	ACO MEASURING	
Đ702 1SS133 PROTECT Đ703 1SS133 PROTECT Đ704 1SS133 PROTECT Đ705 1SS133 PROTECT Đ706 1SS133 PROTECT Đ707 1SS133 PROTECT Đ708 1SS133 PROTECT Đ709 1SS133 PROTECT Đ710 1SS133 PROTECT Đ711 RGP100 HEATING VOLTAGE REC				
0703 1SS133 PROTECT 0704 1SS133 PROTECT 0705 1SS133 PROTECT 0706 1SS133 PROTECT 0707 1SS133 PROTECT 0708 1SS133 PROTECT 0709 1SS133 PROTECT 0710 1SS133 PROTECT 0711 RGP10G HEATING VOLTAGE REC	Đ701	MTZJ9.1C	PROTECT	
0704 1SS133 PROTECT 0705 1SS133 PROTECT 0706 1SS133 PROTECT 0707 1SS133 PROTECT 0708 1SS133 PROTECT 0709 1SS133 PROTECT 0710 1SS133 PROTECT 0711 RGP10G HEATING VOLTAGE REC	Ð702	155133	PROTECT	
0705 1SS133 PROTECT 0706 1SS133 PROTECT 0707 1SS133 PROTECT 0708 1SS133 PROTECT 0709 1SS133 PROTECT 0710 1SS133 PROTECT 0711 RGP10G HEATING VOLTAGE REC	£1703	155133	PROTECT	
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### ### ### ### #### #### ############	Ð707	155133	PROTECT	
### ### ### ### ### ### ### ### ### ##	Ð708	155133	PROTECT	
Đ711 RGP10G HEATING VOLTAGE REC	Đ709	155133	PROTECT	
	Đ710	155133	PROTECT	
1713 15S133 PROTECT	Đ711	RGP10G	HEATING VOLTAGE REC	
	£713	155133	PROTECT	

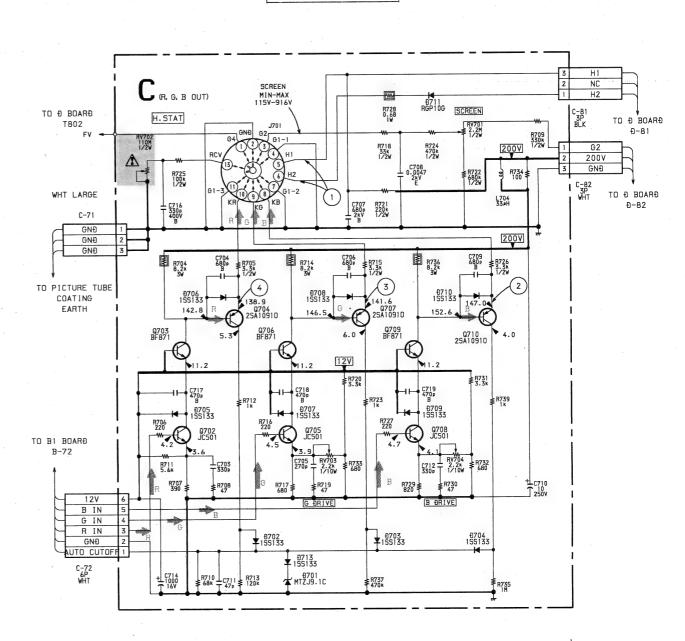
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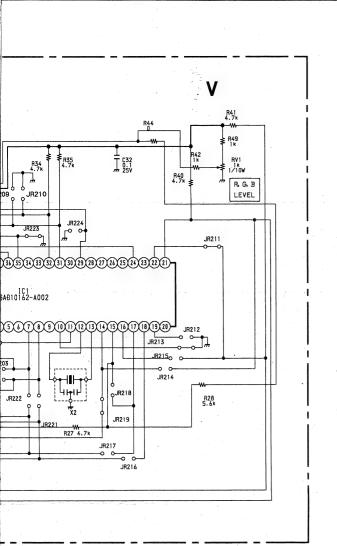


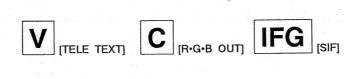






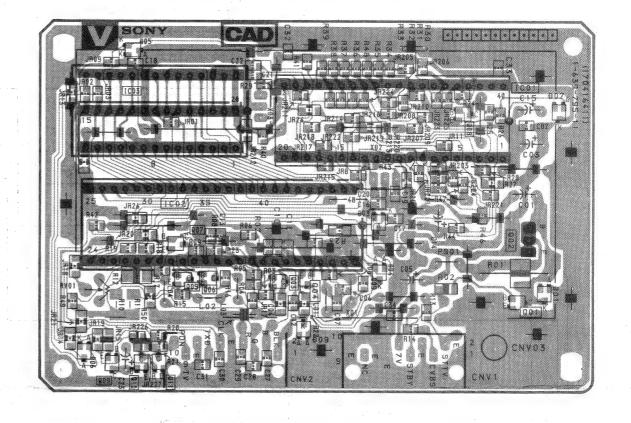
rd		
JC501	R DRIVE	
ÐF871	R OUT	
2SA10910	ACO MEASURING	
JC501	G DRIVE	
BF871	G OUT	
2SA10910	ACO MEASURING	
JC501	B DRIVE	
BF871	B OUT	
2SA10910	ACO MEASURING	
MTZJ9.1C	PROTECT	
155133	PROTECT	
RGP10G	HEATING VOLTAGE REC	
155133	PROTECT	



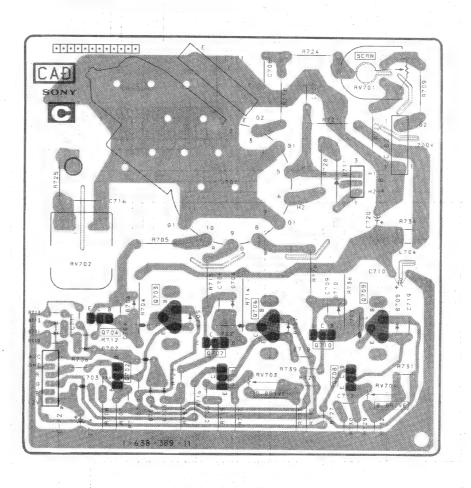


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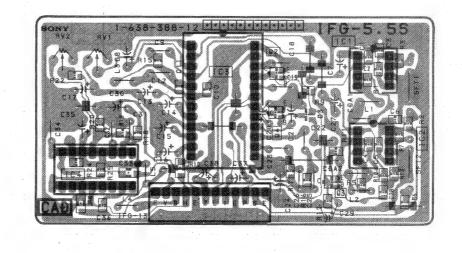
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- C Board -

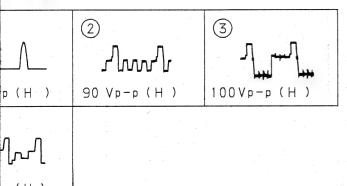


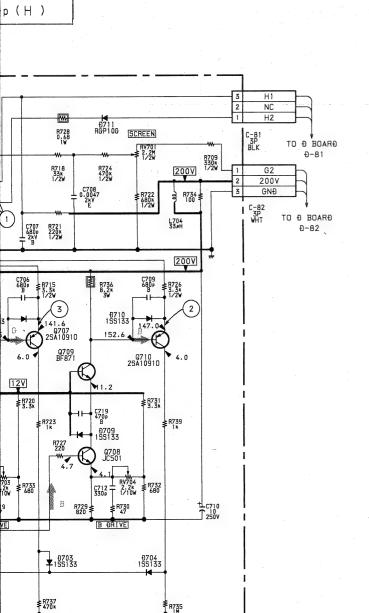
IFG Board -



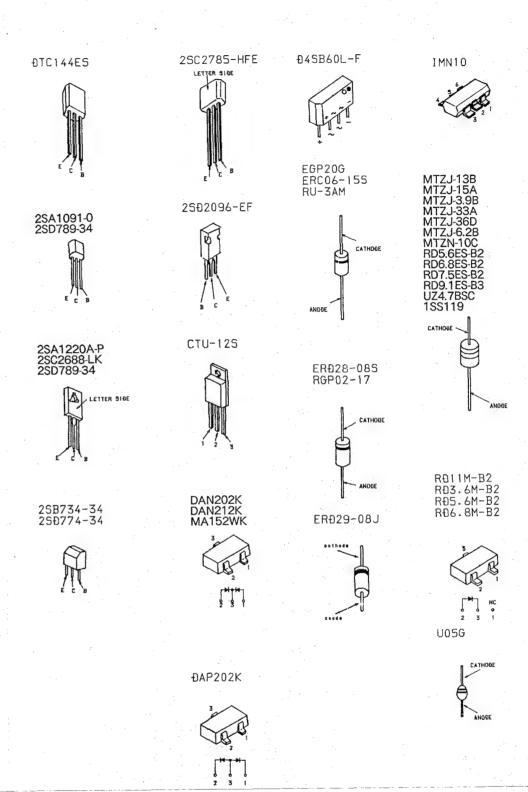
ns C Board

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5-4. SEMICONDUCTORS CXA1114P FCB61C65-70P SAA5246P/E SDA20162-A002 TDA4580-V6 TDA6200 TEA2028B TEA7605 TYA7812CT #PC24M05HF FCB61C65-70P SDA20560-AE1C HCF4052BM <u>AARAARAA</u> **HERRERE** COP VIEW (LOS A1EA) TĐA2050 MB40968PF COP VIEW BF871 CXÐ1175AM 0 TĐA4650WP MC14053BCP PCF8574 TC4051BPHB BU508AS1 BU508AS1H 2SD1548-LB PIN NO 1 INDEX TDA4660T TĐA8442-N3 CXÐ2011Q TEA2260 MARKING SIGE VIEW ոռուուուուու TĐA6600-2 <u>ת ה ה ה ה ה ה ה</u> 0 0 INDEX (TOP VIEW) DTA144EK DTC114EK DTC124EK 2SA1162-G 2SB1295-UL6 2SC1623-L5L6 RC4558P SDA2546 TBA129 TEA2014A TEA2031A CXK-12020 RABBABA 8 7 6 5 TĐA8170 1 2 3 4 MOP VIEW CX20061 SBX1610-11



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LD-201VR

(75)

REMARK

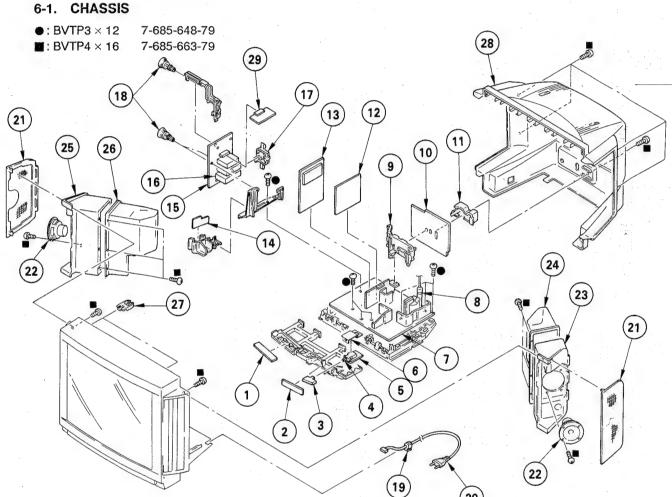
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SECTION 6 EXPLODED VIEWS

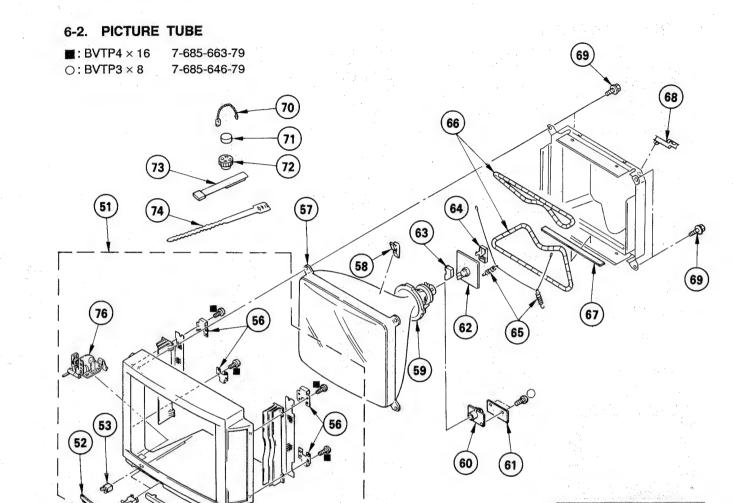
specified.

- NOTE:
 Items with no part number and no description are not stocked because they are seldom required for routine service.
 The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark A are critical for safety. Replace only with part number



REF.NO. PART NO.	DESCRIPTION	REMARK	REF.NO.	PART	NO.	DESCRIPTION	
4 A .1-571-433-12 5 *1-638-390-11 6 4-200-757-01	H2 BOARD BUTTON, POWER SWITCH, PUSH (AC POWER) F BOARD COVER, POWER SWITCH D BOARD, COMPLETE TRANSFORMER ASSY, FLYBACK- BRACKET, J JI BOARD, COMPLETE BRACKET, TERMINAL V BOARD, COMPLETE BI BOARD, COMPLETE J2 BOARD	(UX-1650)	17 * 18 19 A . 20 A . 21 22 23 * 24 * 25 * 26 27 28	4-386 4-389 1-590 X-402 1-544 4-031 4-031 4-031 4-382 4-032	-617-01 -618-01 -201-02	RIVET, T TYPE HOLDER, AC CORD CORD, POWER(WITH NOIS GRILLE ASSY, SPEAKER SPEAKER BOARD (RIGHT), BAFFLE BOX (RIGHT), SPEAKER BOARD (LEFT), BAFFLE BOX (LEFT), SPEAKER HOLDER, RC COVER, REAR	E FIL



REF. NO	. PART NO.	DESCRIPTION REMARK	REF.NO. PART NO.	DESCRIPTION REMARK
58 59 Z	3-704-495-01 \(\begin{align*} \lambda .1-451-313-21 \\ \lambda .1-452-509-42 \\ \displasses +1-634-193-11 \\ \displasses +1638-013-A \end{align*}	CABINET ASSY (WITH BEZEL ASSY) 52-56, 76 DOOR CATCHER, PUSH SHAFT, LID ORNAMENT WINDOW BRACKET, SPEAKER PICTURE TUBE (A68JYK6OX) SPACER, DY DEFLECTION YOKE (Y29FXA) NECK ASSY, PICTURE TUBE (NA-308) VM BOARD C BOARD, COMPLETE COVER (MAIN), CV	64 *4-379-160-01 65 4-369-318-00 66 1-1426-398-11 67 4-389-291-01 68 *4-387-284-01 69 4-373-263-01 70 4-308-870-00 71 1-452-032-00 72 1-452-094-00 73 X-4387-214-1 74 3-701-007-00 75 4-032-135-01 76 X-4029-878-1	SPRING, TENSION COIL, DEMAGNETIZATION CUSHION HOLDER, LEAD SCREW (M), PT CLIP, LEAD WIRE MAGNET, DISK; 10MM Ø MAGNET, ROTATABLE DISK; 15MM Ø PERMALLOY ASSY, CORRECTION BAND, BINDING ORNAMENT DOOR
			1	

The components identified by shading and mark A are criti-

cal for safety.

specified.

Replace only with par

SECTION 7 **ELECTRICAL PARTS LIST**

NOTE:

The components identified by shading and mark A are critical for safety. Replace only with part number specified.

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless

When indicating parts by reference number, please include the board name.

CAPACITORS

COILS

• MF : μF, PF : μμF

• MMH : nH, UH : μH

RESISTORS

- All resistors are in ohms
 F: nonflammable

otherwise noted.

REF.NO	. PART NO.	DESCRIPTION		REMARK	REF.NO.	PART NO.	DESCRIPTION			REMARK
	A-1621-015-A	BI BOARD, COMPLETE			C342	1-124-903-11		1MF	20%	50V
B31	<con *1-565-393-11</con 	NECTOR>	BOARD		C343 C344 C345 C346 C347	1-163-038-00 1-124-903-11 1-137-094-11 1-137-033-11 1-137-098-11	CERAMIC CHIP ELECT FILM FILM FILM	0.1MF 1MF 0.047MF 0.33MF 0.1MF	20%	25V 50V 100V 100V 100V
B32 B33 B72 B73	*1-565-393-11 *1-565-393-11 *1-568-881-51 *1-568-878-51	B1 BOARD, COMPLETE ***********************************	BOARD BOARD		C348 C349 C350 C351 C352	1-137-102-11 1-137-102-11 1-124-902-00 1-137-102-11 1-164-232-11	FILM FILM ELECT FILM CERAMIC CHIP	0.022MF 0.022MF 0.47MF 0.022MF	10% 10% 20% 10%	250V 250V 50V 250V 50V
C201		ACITOR>	10%	1000	C353	1-126-101-11	ELECT	100MF	20%	16V
C301 C302 C303 C304 C305	1-137-031-11 1-137-031-11 1-124-122-11 1-137-031-11 1-164-232-11	FILM 0.22MF ELECT 100MF	10% 10% 20% 10% 10%	100V 100V 50V 100V 50V	C354 C356 C357 C358	1-164-232-11 1-126-101-11 1-164-232-11 1-164-232-11	CERAMIC CHIP ELECT CERAMIC CHIP CERAMIC CHIP	0.01MF 0.01MF	20%	50V 16V 50V 50V
C306 C307 C308 C309 C310	1-124-902-00 1-124-902-00 1-124-902-00 1-124-902-00 1-137-098-11	ELECT 0.47MF ELECT 0.47MF ELECT 0.47MF ELECT 0.47MF FILM 0.1MF	20% 20% 20% 20% 10%	50V 50V 50V 50V	C360 C361 C363 C371 C372	1-164-232-11 1-164-232-11 1-163-033-00 1-164-232-11 1-124-477-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP ELECT	0.01MF 0.01MF 0.022MF 0.01MF 47MF	20%	50V 50V 50V 50V 16V
C311 C312 C313 C314 C315	1-137-098-11 1-137-098-11 1-124-902-00 1-124-902-00 1-124-903-11	FILM 0.1MF ELECT 0.47MF ELECT 0.47MF	10% 20% 20% 20% 20% 20%	100V 50V 50V 50V 50V	C373 C374 C375 C376 C377	1-124-477-11 1-163-090-00 1-163-090-00 1-124-034-51 1-124-119-00	ELECT CERAMIC CHIP CERAMIC CHIP ELECT ELECT	47MF 7PF 7PF 33MF 330MF	20% 0.25PF 0.25PF 20% 20%	16V 50V 50V 16V 16V
C316 C317 C318 C319 C320	1-124-927-11 1-164-232-11 1-124-927-11 1-124-927-11 1-124-910-11	ELECT 4.7MF	20% 20% 20%	50V 50V 50V 50V 50V	C378 C379 C380 C381 C382	1-124-034-51 1-163-090-00 1-163-090-00 1-163-105-00 1-163-121-00	ELECT CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	150PF	0.25PF 0.25PF 5% 5%	16V 50V 50V 50V 50V
C321 C322 C323 C324 C325	1-137-027-11 1-163-077-00 1-164-232-11 1-164-232-11 1-163-038-00	FILM 0.82MF		63V 50V 50V 50V 25V	C383 C384 C385 C386 C387	1-163-197-00 1-163-103-00 1-163-093-00 1-163-117-00 1-163-113-00	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP		5% 5% 5% 5% 5%	50V 50V 50V 50V 50V
C326 C327 C328 C329		ELECT 47MF ELECT 47MF CERAMIC CHIP 0.1MF CERAMIC CHIP 180PF —EBRAMIC CHIP—220PF	20% 20% 5%	50V 50V 25V 50V	1392	1-164-232-11 1-163-097-00 1-124-907-11 1-124-907-11 1-124-907-11	ELECT ELECT	15PF 10MF 10MF	5% 20% 20% 20%	50V 50V 50V 50V 50V
C331 C332 C333 C335 C337					C393 C394 C395 C396 C397	1-126-101-11 1-126-101-11 1-126-101-11 1-126-101-11 1-137-028-11	ELECT ELECT ELECT ELECT FILM	100MF 100MF 100MF 100MF 1MF	20% 20% 20% 20% 10%	16V 16V 16V 16V 63V
C338 C339 C340 C341	1-137-102-11 1-164-232-11 1-126-103-11 1-164-232-11	FILM 0.022MF CERAMIC CHIP 0.01MF BLECT 470MF CERAMIC CHIP 0.01MF	2.1	250V 50V 16V 50V	C398 C399 C1301 C1302 C1303	1-124-907-11 1-163-038-00 1-163-105-00 1-163-235-11 1-163-038-00	ELECT CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	33PF 22PF	20% 5% 5%	50V 25V 50V 50V 25V



The components identified by shading and mark \triangle are critical for safety.

Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION		REMARK	REF.NO.	PART NO.	DESCRIPTION	•	REMARK
C1305 C1306	1-124-907-11 1-126-101-11 1-163-038-00 1-163-038-00 1-163-038-00	ELECT 10MF BLECT 100MF CERAMIC CHIP 0.1MF CERAMIC CHIP 0.1MF CERAMIC CHIP 0.1MF	20% 20%	50V 16V 25V 25V 25V	FL303	1-236-620-11	FILTER, LOW PASS FILTER, LOW PASS FILTER, LOW PASS		
C1309 C1310 C1311 C1312 C1313	1-164-232-11 1-164-232-11 1-163-038-00 1-163-038-00 1-163-038-00	CERAMIC CHIP 0.01MF CERAMIC CHIP 0.01MF CERAMIC CHIP 0.1MF CERAMIC CHIP 0.1MF CERAMIC CHIP 0.1MF		50V 50V 25V 25V 25V	IC301	<1C>	IC TDA4580/V7		
C1315	1-163-109-00 1-163-038-00 1-163-141-00 1-163-038-00 1-163-038-00	CERAMIC CHIP 47PF CERAMIC CHIP 0.1MF CERAMIC CHIP 0.001MF CERAMIC CHIP 0.1MF CERAMIC CHIP 0.1MF	5% 5%	50V 25V 50V 25V 25V	10304	8-759-980-60 8-759-510-48 8-759-510-47 8-759-144-84 8-759-510-50	IC TDA4660T IC TDA4650WP IC UPC24M05HF		
C1319 C1320 C1321 C1322	1-164-232-11 1-164-232-11 1-164-232-11 1-164-232-11	CERAMIC CHIP 0.01MF CERAMIC CHIP 0.01MF CERAMIC CHIP 0.01MF CERAMIC CHIP 0.01MF		50V 50V 50V 50V	I C308 I C310 I C311 I C312	8-752-006-12 8-752-337-07 8-759-996-49 8-752-338-45	IC CX20061 IC CXD2011Q IC MB40968PF IC CXK1202Q		
C1324	1-164-232-11 1-163-033-00	CERAMIC CHIP 0.01MF	1	50V	IC313 IC315	8-752-338-45 8-752-334-55	IC CXK12020 IC CXD1175AM		
C1326 C1327	1-164-232-11 1-163-115-00	CERAMIC CHIP 0.1MF CERAMIC CHIP 0.01MF CERAMIC CHIP 82PF	5%	25V 50V 50V	120:	100>			
C1329 C1330 C1331	1-164-232-11	CERAMIC CHIP 0.047MF CERAMIC CHIP 0.047MF CERAMIC CHIP 0.01MF CERAMIC CHIP 390PF ELECT 100MF	7.0	25V 50V 50V 50V 16V	L301 L303 L304 L305 L306	1-408-405-00 1-404-554-11 1-408-405-00 1-408-402-00 1-408-405-00	INDUCTOR 4.7UH COIL INDUCTOR 4.7UH INDUCTOR 2.7UH INDUCTOR 4.7UH		
CT301	<tri 1-141-418-11<="" td=""><td>MMER></td><td>20%</td><td>101</td><td>L308 L309 L310 L312 L313</td><td>1-404-495-00 1-408-415-00 1-408-419-00 1-404-495-00 1-404-554-11</td><td>COIL INDUCTOR 33UH INDUCTOR 68UH COIL COIL</td><td></td><td></td></tri>	MMER>	20%	101	L308 L309 L310 L312 L313	1-404-495-00 1-408-415-00 1-408-419-00 1-404-495-00 1-404-554-11	COIL INDUCTOR 33UH INDUCTOR 68UH COIL COIL		
D301	1-141-418-11 <dio 8-719-951-22</dio 				L314 L320 L321 L323 L325	1-408-409-00 1-408-405-00 1-408-405-00 1-408-398-00 1-408-405-00	INDUCTOR 10UH INDUCTOR 4.7UH INDUCTOR 4.7UH INDUCTOR 1.2UH INDUCTOR 4.7UH		
D304 D305 D307	8-719-989-26 8-719-989-26 8-719-106-62 8-719-989-26	DIODE DAN212K DIODE DAN212K DIODE RD11M-B2 DIODE DAN212K			L326 L327	1-408-421-00 1-408-402-00 1-408-425-00	INDUCTOR 100UH INDUCTOR 2.7UH		
D309 D310 D311 D312 D314		DIODE DAN212K DIODE RD11M-B2 DIODE RD11M-B2 DIODE RD11M-B2 DIODE RD11M-B2 DIODE 1SS226			PS301 <u>∧</u>		LINK> LINK, IC (ICP-N10) 0.4A	के ज स्था	
D318 D319	8-719-800-76	DIODE 1SS226 DIODE 1SS226				<tra< td=""><td>NSISTOR></td><td></td><td></td></tra<>	NSISTOR>		
D320 D321 D322 D330	8-719-800-76 8-719-105-91 8-719-400-18 8-719-989-26	DIODE ISS226 DIODE RD5.6M-B2 DIODE MA152WK DIODE DAN212K			Q301 Q302 Q303 Q304 Q305	8-729-120-28 8-729-120-28 8-729-120-28 8-729-120-28 8-729-901-06	TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SC1623-L5L6 TRANSISTOR DTA144EK		
 D331 D333 D336 D340	8-719-951-22	DIODE DAP202K DIODE IMN10 DIODE MA152WK DIODE 1SS226			Q306 Q307 Q308 Q310		TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SC1623-L5L6 TRANSISTOR DTC124EK TRANSISTOR DTC124EK	<u> </u>	· · · · · · · · · · · · · · · · · · ·
D341		DIODE DAN212K			Q311	8-729-901-00 8-729-120-28	TRANSISTOR DTC124EK TRANSISTOR 2SC1623-L5L6		
DL301		AY LINE> DELAY LINE, Y			Q320 Q321 Q322 Q323 Q324	8-729-216-22 8-729-216-22 8-729-120-28	TRANSISTOR 2SA1162-G TRANSISTOR 2SA1162-G TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SC1623-L5L6		

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REF.NO.	PART NO.	DESCRIPTION	i	· +2	REMAR	K REF.NO.	PART NO.	DESCRIPTION			REMARK	
U327 U328 U329	PART NO 8-729-216-22 8-729-216-22 8-729-16-22 8-729-16-22 8-729-16-22 8-729-16-22 8-729-10-00 8-729-901-00 8-729-120-28	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SA1162-G SA1162-G			R311 R312	1-216-025-00 1-216-019-00	METAL GLAZE METAL GLAZE	100 56	5% 1/10W 5% 1/10W		
Q330 Q331	8-729-120-28 8-729-216-22	TRANSISTOR 2 TRANSISTOR 2	SC1623-L5 SA1162-G	L6		R313 R314 R316	1-216-019-00 1-216-019-00 1-216-081-00	METAL GLAZE	56 56 22K	5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W		
0332 0333 0334	8-729-216-22 8-729-901-00 8-729-901-00	TRANSISTOR 2 TRANSISTOR D TRANSISTOR D	2SA1162-G DTC124EK DTC124EK	1.6		R317 R318	1-216-033-00 1-216-073-00	METAL GLAZE METAL GLAZE				
Q335 Q336 Q337	8-729-120-28 8-729-120-28	TRANSISTOR 2 TRANSISTOR 2	SC1623-L5 SC1623-L5	L6 L6		R320 R321 R322	1-216-073-00 1-216-198-00 1-216-073-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE	10K 1K 10K 10K	5% 1/10W 5% 1/8W 5% 1/10W 5% 1/10W 5% 1/10W		
0338 0339 0340	8-729-216-22 8-729-120-28 8-729-120-28	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SA1162-G SC1623-L5 SC1623-L5	L6 L6		R323	1-216-073-00 1-216-057-00 1-216-049-00	METAL GLAZE				
Q341 Q342 Q343	8-729-120-28 8-729-120-28 8-729-120-28	TRANSISTOR 2	2SC1623-L5 2SC1623-L5 2SC1623-L5	L6 L6		R326 R327 R328	1-216-033-00 1-216-009-00 1-216-009-00 1-216-009-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	220 22 22 22	5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W		
Q344 Q345 Q346	8-729-120-28 8-729-120-28 8-729-120-28	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SC1623-L5 SC1623-L5 SC1623-L5	L6 L6 L6		R329 R330	1-216-031-00 1-216-031-00	METAL GLAZE METAL GLAZE		*		
Q347 Q348 Q350	8-729-120-28 8-729-901-00 8-729-120-28	TRANSISTOR 2 TRANSISTOR D	2SC1623-L5 DTC124EK	L6		R331 R332 R333	1-216-031-00 1-216-182-00 1-216-033-00	METAL GLAZE	180 220 220	5% 1/10W 5% 1/10W 5% 1/10W 5% 1/8W 5% 1/10W		
Q352 Q353	8-729-216-22 8-729-120-28	TRANSISTOR 2 TRANSISTOR 2	SA1162-G SC1623-L5	L6		R335 R336 R337	1-216-101-00 1-216-073-00 1-216-093-00	METAL GLAZE METAL GLAZE	150K 10K 68K	5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W		
Q354 Q355 Q356	8-729-120-28 8-729-120-28 8-729-216-22	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SC1623-L5 SC1623-L5 SA1162-G	L6 L6		R338 R339	1-216-085-00 1-216-083-00	METAL GLAZE METAL GLAZE				
Q357 Q358 Q359	8-729-120-28 8-729-120-28	TRANSISTOR 2	2SC1623-L5 2SC1623-L5 2SA1162-G	L6		R341 R342 R343	1-216-103-00 1-216-115-00 1-216-069-00 1-216-057-00	METAL GLAZE METAL GLAZE METAL GLAZE	180K 560K 6.8K 2.2K	5% 1/10W 5% 1/10W 5% 1/10W		
0360 0361 0362	8-729-120-28 8-729-120-28 8-729-120-28	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SC1623-L5 SC1623-L5 SC1623-L5	L6 L6 L6		R344	1-216-089-00	METAL GLAZE		5% 1/10W		
Q363 Q364 Q365	8-729-120-28 8-729-216-22 8-729-216-22	TRANSISTOR 2	2SC1623-L5 2SA1162-G 2SA1162-G	L6		R346 R347 R348 R349	1-216-033-00 1-216-121-00 1-216-001-00 1-216-001-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	100K 220 1M 10 10	5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W		
Q366 Q367 Q368	8-729-120-28 8-729-120-28 8-729-120-28	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	25C1623-L5 25C1623-L5 25C1623-L5	L6 L6 L6		R350 R351	1-216-184-00 1-216-184-00	METAL GLAZE METAL GLAZE	270 270 7.5K			
0369 0370 0371	8-729-120-28 8-729-120-28	TRANSISTOR 2 TRANSISTOR 2	2SC1623-L5 2SC1623-L5	L6		R352 R353 R354	1-216-070-00 1-216-073-00 1-216-037-00	METAL GLAZE	7.5K 10K 330	5% 1/10W 5% 1/10W 5% 1/10W		
Q372 Q373	8-729-120-28 8-729-901-00	TRANSISTOR 2 TRANSISTOR D	SC1623-L5 TC124EK	L6		R355 R357 R358	1-216-033-00 1-216-061-00 1-216-037-00	METAL GLAZE METAL GLAZE METAL GLAZE	330	5% 1/10W 5% 1/10W 5% 1/10W		
Q1301 Q1302 Q1303	8-729-901-00 8-729-120-28 8-729-901-00	TRANSISTOR D TRANSISTOR D TRANSISTOR D	OTC124EK 2SC1623-L5			R359 R361	1-216-041-00 1-216-065-00	METAL GLAZE	4.7K	5% 1/10W 5% 1/10W		e
	<res< td=""><td>ISTOR></td><td></td><td></td><td></td><td>R362 R363 R364 R365</td><td>1-216-065-00 1-216-069-00 1-216-033-00 1-216-035-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>6.8K</td><td>5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W</td><td></td><td></td></res<>	ISTOR>				R362 R363 R364 R365	1-216-065-00 1-216-069-00 1-216-033-00 1-216-035-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	6.8K	5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W		
JR302 JR304 JR305	1-216-295-00 1-216-296-00 1-216-295-00	METAL GLAZE METAL GLAZE METAL GLAZE	0 5 0 5	7 1/10 7 1/8 8 1/10 7 1/10 7 1/10	W	R366 R367	1-216-069-00 1-216-069-00	METAL GLAZE	6.8K	5% 1/10W 5% 1/10W		
 JR391 	1-216-295-00 1-216-033-00 1-216-033-00	METAL GLAZE METAL GLAZE METAL GLAZE			W	R368 R369 R370 R371	1-216-071-00 1-216-071-00 1-216-097-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	8.2K 100K	5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W		
R303 R304 R305	1-216-033-00 1-216-081-00 1-216-057-00	METAL GLAZE METAL GLAZE METAL GLAZE	220 5 22K 5 2.2K 5	5% 1/10 5% 1/10 5% 1/10	W W W	R372 R373	1-216-033-00 1-216-061-00	METAL GLAZE METAL GLAZE	220 3.3K	5% 1/10W 5% 1/10W		
R306 R307 R309	1-216-035-00 1-216-097-00 1-216-025-00	METAL GLAZE METAL GLAZE METAL GLAZE	270 5 100K 5	1/10 1/10 1/10	W	R374 R375 R376	1-216-033-00 1-216-043-00 1-216-057-00	METAL GLAZE METAL GLAZE METAL GLAZE	220 560 2.2K	5% 1/10W 5% 1/10W 5% 1/10W		
R310	1-216-025-00	METAL GLAZE	100 5	1/10		R377	1-216-081-00	METAL GLAZE	22K	5% 1/10W		

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REF.NO:	PART NO.	DESCRIPTION				REMARK	REF.NO.	PART NO.	DESCRIPTION				REMARK
R378 R379 R380 R381 R382	1-216-081-00 1-216-081-00 1-216-073-00 1-216-073-00 1-216-093-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	22K 22K 10K 10K 68K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		R1350 R1351	1-216-085-00 1-216-075-00 1-216-039-00 1-216-071-00 1-216-041-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	33K 12K 390 8.2K 470	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
R383 R384 R385 R386 R387	1-216-073-00 1-216-093-00 1-216-073-00 1-216-093-00 1-216-065-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	10K 68K 10K 68K 4.7K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		R1353 R1354 R1355 R1356	1-216-065-00 1-216-071-00 1-216-045-00 1-216-055-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	4.7K 8.2K 680 1.8K	5%% 5%% 5%%% 55%% 5%%%	1/10W 1/10W 1/10W 1/10W 1/10W	
R388 R389 R390 R391 R392	1-216-053-00 1-216-049-00 1-216-049-00 1-216-097-00 1-216-097-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	1.5K 1K 1K 100K 100K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		R1358 R1359 R1360 R1361 R1362	1-216-081-00 1-216-049-00 1-216-051-00 1-216-049-00 1-216-055-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	22K 1K 1.2K 1K 1.8K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
R393 R394 R395 R396 R397	1-216-097-00 1-216-065-00 1-216-097-00 1-216-097-00 1-216-053-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	100K 4.7K 100K 100K 1.5K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		R1364 R1365 R1366 R1367	1-216-039-00 1-216-049-00 1-216-059-00 1-216-083-00 1-216-059-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	390 1K 2.7K 27K 2.7K	5% %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	1/10W 1/10W 1/10W 1/10W 1/10W	
R398 R399 R1301 R1302 R1303	1-216-035-00 1-216-085-00 1-216-065-00 1-216-089-00 1-216-081-00 1-216-053-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	270 33K 4.7K 47K 22K	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		R1370 R1371 R1372	1-216-033-00 1-216-031-00 1-216-031-00 1-216-047-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	220 180 2.2K 180 820	5% 5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
R1308 R1309 R1310 R1311	1-216-055-00 1-216-065-00 1-216-023-00 1-216-047-00 1-216-073-00 1-216-045-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	4.7K 82 820 10K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		R1374 R1375 R1376 R1377	1-216-202-00 1-216-208-00 1-216-748-11 1-216-748-11	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	270 1.5K 2.7K 39K 39K	5% 5% 5%	1/10W 1/8W 1/8W 1/10W 1/10W	
R1313 R1314 R1315 R1316	1-216-043-00 1-216-043-00 1-216-085-00 1-216-049-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	560 33K 1K 10K	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		R1379 R1380 R1381 R1382	1-216-748-11 1-216-748-11 1-216-053-00 1-216-033-00 1-216-089-00 1-216-053-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	39K 39K 1.5K 220 47K	5% 5%%%%% 55%%%%%%%%%%%%%%%%%%%%%%%%%%	1/10W 1/10W 1/10W 1/10W 1/10W	
R1320 R1321 R1322 R1323	1-216-641-11 1-216-073-00 1-216-067-00 1-216-643-11 1-216-073-00	METAL CHIP METAL GLAZE METAL GLAZE METAL CHIP METAL GLAZE	390 10K 5.6K 470	0.50% 5% 5% 0.50%	1/10W 1/10W 1/10W 1/10W 1/10W		R1384 R1385 R1386 R1387	1-216-089-00 1-216-055-00 1-216-047-00 1-216-031-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	1.5K 47K 1.8K 820 180	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1/10W 1/10W 1/10W 1/10W	
R1325 R1326 R1327	1-216-037-00 1-216-045-00 1-216-029-00	METAL GLAZE METAL GLAZE	330 680 150 10K	5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		R1389	1-216-073-00 1-216-073-00 1-216-093-00 1-216-208-00 1-216-047-00 1-216-047-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	10K 10K 68K 2.7K 820 820	5% 5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/8W 1/10W	
R1330 R1331 R1332	1-216-081-00 1-216-081-00 1-216-049-00 1-216-077-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	22K 22K 1K 15K	5%	1/10W 1/10W 1/10W 1/10W 1/10W		R1394 R1395 R1396 R1397	1-216-081-00 1-216-081-00 1-216-073-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	22K 22K 10K 10K	5%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	1/10W 1/10W 1/10W 1/10W 1/10W	
R1335 R1336 R1337 R1338	1-216-043-00 1-216-057-00 1-216-657-11 1-216-085-00	METAL GLAZE METAL GLAZE METAL CHIP METAL GLAZE	12K 560 2.2K 1.8K 33K	5% 5% 0.50% 5%	1/10W 1/10W 1/10W 1/10W		R1398 R1399	1-216-001-00 1-216-029-00 <var< td=""><td>METAL GLAZE METAL GLAZE IABLE RESISTOR</td><td>10 150 ></td><td>5%</td><td>1/10W 1/10W</td><td></td></var<>	METAL GLAZE METAL GLAZE IABLE RESISTOR	10 150 >	5%	1/10W 1/10W	
	1-216-039-00 1-216-025-00 1-216-667-11 1-216-025-00 1-216-043-00	METAL GLAZE METAL GLAZE METAL CHIP METAL GLAZE METAL GLAZE	100 560	5% 5% 0.50% 5% 5%	1/10W 1/10W			<cry< td=""><td>RES, ADJ, CARI</td><td></td><td></td><td></td><td></td></cry<>	RES, ADJ, CARI				
R1344 R1345 R1346 R1347	1-216-057-00 1-216-077-00 1-216-025-00 1-216-025-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	2.2K 15K 100 100	5% 5% 5%	1/10W 1/10W 1/10W 1/10W		X301 X302 ******	1-567-131-00	OSCILLATOR, CI	RYSTAL		******	******

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.







REF. NO	. PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION			REMARK
	*1-638-390-11	E DOADD			<tra< td=""><td>NSISTOR></td><td></td><td></td><td>`</td></tra<>	NSISTOR>			`
	* 4-341-752-01	******* BYELET		Q113 Q114 Q115 Q116 Q125	8-729-120-28 8-729-120-28 8-729-120-28 8-729-120-28 8-729-900-89	TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR DT	C1623-L5L6 C1623-L5L6 C1623-L5L6		
F61		VECTOR> PIN, CONNECTOR (PC BOARD) 4P		Q126 Q181		TRANSISTOR DT TRANSISTOR 2S			
F62	*1-580-690-11	PIN, CONNECTOR (PC BOARD) 4P		4101			01025 6560		
	<fus< td=""><td></td><td>• •</td><td>JR230</td><td><res< td=""><td>ISTOR> METAL GLAZE</td><td>0 5%</td><td>1/10W</td><td></td></res<></td></fus<>		• •	JR230	<res< td=""><td>ISTOR> METAL GLAZE</td><td>0 5%</td><td>1/10W</td><td></td></res<>	ISTOR> METAL GLAZE	0 5%	1/10W	
≅F1601	A 1-532-504-31 1-533-230-11	PUSE 4A/250V HOLDER, FUSE; F1601		JR252 JR253 JR255 JR256	1-216-296-00 1-216-296-00 1-216-296-00 1-216-296-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 5% 0 5% 0 5% 0 5% 0 5%	1/8W 1/8W 1/8W 1/8W	
	<swi'< td=""><td></td><td></td><td>JR257</td><td>1-216-296-00</td><td>METAL GLAZE</td><td>0 5%</td><td>1/8W</td><td></td></swi'<>			JR257	1-216-296-00	METAL GLAZE	0 5%	1/8W	
411		SWITCH, PUSH (AC POWER)		JR258 R101 R105	1-216-296-00 1-216-025-00 1-216-079-00	METAL GLAZE METAL GLAZE METAL GLAZE	0 5% 100 5% 18K 5%	1/8W 1/10W 1/10W	
*****		A BOARD, COMPLETE	, man and an are are are and an and an	R107	1-216-081-00	METAL GLAZE	22K 5%	1/10W	
		**************************************		R108 R110 R111 R116 R118	1-216-079-00 1-249-429-11 1-216-057-00 1-216-023-00 1-216-085-00	METAL GLAZE CARBON METAL GLAZE METAL GLAZE METAL GLAZE	18K 5% 10K 5% 2.2K 5% 82 5% 33K 5%	1/10W 1/4W 1/10W 1/10W 1/10W	
A11 A12 A13 A16 A17	*1-565-393-11 *1-565-393-11 *1-565-503-11 *1-560-290-00 *1-564-886-11	CONNECTOR, BOARD TO BOARD CONNECTOR, BOARD TO BOARD CONNECTOR, BOARD TO BOARD 12P PLUG, CONNECTOR (2.5MM PITCH) PLUG, CONNECTOR 9P		R128 R129 R130 R157	1-216-027-00 1-216-057-00 1-216-057-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	120 5% 2.2K 5% 2.2K 5% 1K 5%	1/10W 1/10W 1/10W 1/10W 1/4W	
A19	*1-564-881-11	PLUG, CONNECTOR 4P		R158	1-249-409-11 1-249-409-11	CARBON	220 5%	1/4W	
C101	<cap< td=""><td>ACITOR> ELECT 22MF 20%</td><td>50V ·</td><td>R161 R162 R163 R164</td><td>1-216-089-00 1-216-095-00 1-216-095-00 1-216-075-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE</td><td>47K 5% 82K 5% 82K 5% 12K 5%</td><td>1/10W 1/10W 1/10W 1/10W</td><td></td></cap<>	ACITOR> ELECT 22MF 20%	50V ·	R161 R162 R163 R164	1-216-089-00 1-216-095-00 1-216-095-00 1-216-075-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	47K 5% 82K 5% 82K 5% 12K 5%	1/10W 1/10W 1/10W 1/10W	
C101 C102 C104 C106 C108	1-126-103-11 1-124-910-11 1-126-233-11	ELECT 470MF 20% ELECT 47MF 20%	16V 50V 50V 50V	R165 R167 R168 R169	1-216-075-00 1-216-059-00 1-216-089-00 1-216-059-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	12K 5% 2.7K 5% 47K 5% 2.7K 5%	1/10W 1/10W 1/10W 1/10W	
C109 C111	1-163-133-00 1-124-925-11	CERAMIC CHIP 470PF 5% ELECT 2.2MF 20%	50V 50V	R181	1-216-049-00	METAL GLAZE	1K 5%	1/10W	
C115 C127 C128	1-124-925-11 1-124-122-11 1-124-910-11	ELECT 2.2MF 20% ELECT 100MF 20% ELECT 47MF 20%	50V 50V 50V	R182 R193 R194 R195	1-216-065-00 1-216-073-00 1-216-017-00 1-216-017-00	METAL GLAZE METAL GLAZE	4.7K 5% 10K 5% 47 5% 47 5%	1/10W 1/10W 1/10W 1/10W	
C129 C138 C171 C172	1-124-910-11 1-136-165-00 1-163-005-11 1-163-005-11	ELECT 47MF 20% FILM 0.1MF 5% CERAMIC CHIP 470PF 10% CERAMIC CHIP 470PF 10%	50V 50V 50V 50V	R196	1-216-113-00 <tun< td=""><td></td><td>470K 5%</td><td>1/10W</td><td></td></tun<>		470K 5%	1/10W	
C177 C181	1-102-074-00	CERAMIC 0.001MF 10% CERAMIC 0.01MF	50V 50V	TU1012	. 1-465-301-11	TUNER, ET (UV	-816 (PLL))		
0101	1-101-004-00	CERRATO U.OTAT	701		<if< td=""><td>BLOCK></td><td></td><td></td><td></td></if<>	BLOCK>			
1010	<10>	IC DODGETA		VIF101		IF BLOCK (IFG	-389S)		
1-0103	3 - 8-75 9-979-6 2	16-76-8574		*****	********	********	*******	******	******
	<01				*A-1638-013-A	C BOARD, COMP			
L100 L101 L102 L107	1-410-683-31 1-408-225-00 1-408-413-00 1-408-397-00	INDUCTOR 560UH INDUCTOR 3.3UH INDUCTOR 22UH INDUCTOR 1UH			*4-379-160-01 *4-379-167-01	COVER (REAR L COVER (MAIN),			

KV-A2911D RM-816





The components identified by shading and mark \triangle are critical for safety.
Replace only with part number specified.

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REF.NU	. PART NO.	DESCRIPTION		REMARK	REF.NO.	PART NO.	DESCRIPTION			REMARK
C71		NECTOR> PIN, CONNECTOR 2P			R708	1-249-401-11	CARBON	47 5	7/4W	
C72 C81 C82	*1-568-881-51 *1-568-878-51 *1-508-765-00	PIN, CONNECTOR 6P PIN, CONNECTOR 3P PIN, CONNECTOR (5M	M PITCH) 3P		R709 R710 R711 R712 R713	1-202-844-00 1-215-465-00 1-249-426-11 1-249-417-11 1-215-471-00		330K 10 68K 12 5.6K 52 1K 52 120K 12	7 1/4W 7 1/4W 7 1/4W	
C703	1-102-820-00	CERAMIC 330PF	5%	500	R714 R715	1-216-486-00 1-202-824-00	METAL OXIDE SOLID	8.2K 55 3.3K 10	% 3W	F
C704 C705 C706 C707	1-102-116-00 1-102-980-00 1-102-116-00 1-162-116-00	CERAMIC 680PF CERAMIC 270PF CERAMIC 680PF CERAMIC 680PF	10% 5% 10% 10%	50V 50V 50V 2KV	R716 R717 R718	1-249-409-11 1-249-415-11 1-202-814-11	CARBON CARBON SOLID	220 55 680 55 33K 10	7 1/4W 7 1/4W 7 1/2W	
C708 C709 C710	1-162-114-00 1-102-116-00 1-123-947-00	CERAMIC 0.004 CERAMIC 680PF ELECT 10MF	10% 20%	2KV 50V 250V	R719 R720 R721 R722	1-249-401-11 1-249-423-11 1-202-842-11 1-202-848-00	CARBON CARBON SOLID SOLID	47 55 3.3K 55 220K 10 680K 10	7 1/4W 1/2W 1/2W	
C711 C712	1-101-880-00 1-102-820-00	CERAMIC 47PF CERAMIC 330PF	5% 5%	50V 50V	R723	1-249-417-11	CARBON	1K 5	-,	
C714 C716 C717 C718 C719	1-124-360-00 1-162-622-11 1-102-114-00 1-102-114-00 1-102-114-00	ELECT 1000M CERAMIC 330PF CERAMIC 470PF CERAMIC 470PF CERAMIC 470PF	10% 10%	16V 400V 50V 50V 50V	R724 R725 R726 R727 R728	1-202-846-00 1-202-838-00 1-202-824-00 1-249-409-11 1-216-347-11		470K 10 100K 10 3.3K 10 220 50 0.68 50	0% 1/2W 0% 1/2W 1/4W	F
		nn			R729 R730	1-249-416-11 1-249-401-11		820 57 47 57	1/4W 1/4W	
D701	<dio 8-719-110-14</dio 	DIODE RD9.1ES-B3			R731 R732 R733	1-249-423-11 1-249-415-11 1-249-415-11	CARBON CARBON	47 57 3.3K 57 680 57 680 57	1/4W 1/4W	
D702 D703 D704 D705	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119			R734 R735 R736	1-249-405-11 1-215-493-00 1-216-486-00	METAL OXIDE	100 55 1M 15 8.2K 55	1/4W 1/4W 3W	F
D706 D707	8-719-911-19 8-719-911-19	DIODE 188119 DIODE 188119			R737 R739	1-215-485-00 1-249-417-11	METAL CARBON	470K 17 1K 57	1/4W 1/4W	
D708 D709 D710	8-719-911-19 8-719-911-19 8-719-911-19	DIODE 188119 DIODE 188119 DIODE 188119			RV701		IABLE RESISTOR RES, ADJ, MET		2 2 W	
D711 D713		DIODE RU-3AM DIODE 1SS119			RV702A RV703	. 1-230-619-11 1-237-749-11	RES, ADJ, MET RES, ADJ, CAR RES, ADJ, CAR	AL GLAZE BON 2200	110 H	
	<jac< td=""><td>K></td><td></td><td></td><td>*****</td><td>*******</td><td>*******</td><td>******</td><td>******</td><td>******</td></jac<>	K>			*****	*******	*******	******	******	******
J701	1-526-990-11	SOCKET, PICTURE TU	BE	*v* +		A-1642-032-A	D BOARD, COMP			
-	<c01< td=""><td>L></td><td></td><td></td><td></td><td>4-200-001-01</td><td>HOLDER, IC</td><td></td><td></td><td></td></c01<>	L>				4-200-001-01	HOLDER, IC			
L704	1-410-878-11	INDUCTOR 33U	l			4-201-023-01	SPACER, INSULEYELET EYELET	ATING		
	<tra< td=""><td>NSISTOR></td><td></td><td></td><td></td><td>4-368-683-01</td><td>SPRING</td><td></td><td></td><td></td></tra<>	NSISTOR>				4-368-683-01	SPRING			
Q702 Q703	8-729-119-78 8-729-906-70	TRANSISTOR 2SC2785				<cap< td=""><td>ACITOR></td><td></td><td>The state</td><td>200</td></cap<>	ACITOR>		The state	200
Q704 Q705 Q706	8-729-900-70 8-729-200-17 8-729-119-78 8-729-906-70	TRANSISTOR BF871 TRANSISTOR 2SA1091 TRANSISTOR 2SC2785 TRANSISTOR BF871	-0		C002 C003 C004	1-124-925-11 1-124-120-11	ELECT	2.2MF 220MF	5% 20% 20%	50V 50V 16V
Q707 Q708	8-729-200-17 8-729-119-78	TRANSISTOR 2SA1091 TRANSISTOR 2SC2785	-0 -HFE	7.5	C005 C008	1-124-903-11 1-163-117-00	CERAMIC CHIP	1MF 100PF	20% 5%	50V 50V
0709 0710	8-729-906-70 8-729-200-17				C009 C010 C011 C013	1-163-117-00 1-124-120-11 1-164-232-11 1-137-008-11	CERAMIC CHIP	220MF 0.01MF 0.1MF	5% 20% 10%	50V 16V 50V 100V
R704		METAL OXIDE 8.2K	5% 3W	F	C014 C015	1-137-098-11 1 1-124-902-00		0.1MF 0.47MF	10% 20%	100V 50V
R705 R706 R707	1-202-824-00 1-249-409-11	SOLID 3.3K CARBON 220 CARBON 390	10% 1/2W 5% 1/4W 5% 1/4W	•	C016 C017 C018	1-163-141-00 1-137 - 098-11	CERAMIC CHIP	0.001MF 0.1MF	5% 10% 5%	50V 100V 50V

The components identified by shading and mark A are critical for safety.

Replace only with part number specified.



REF.NO.	PART NO.	DESCRIPTION			REMARK	REF.NO.	PART NO.	DESCRIPTION			REMARK
C019 C021 C023	1-163-117-00 1-163-117-00	FILM CERAMIC CHIP CERAMIC CHIP	100PF 100PF	10% 5% 5%	100V 50V 50V	C606	1-124-484-11	ELECT CERAMIC CHIP	220MF 680PF	20% 5%	35V 50V
C024 C027 C030	1-163-117-00 1-124-910-11 1-163-038-00	CERAMIC CHIP	47MF 0.1MF	5% 20%	50 V 50 V 25 V	C608	1-137-028-11 1-124-927-11 1-124-910-11 1-108-680-11	FILM ELECT ELECT MYLAR	1MF 4.7MF 47MF 0.001MF	10% 20% 20% 10%	63V 50V 50V 100V
C031 C032 C033 C034	1-163-081-00	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.22MF 100PF	5%	25V 25V 50V 25V	C615	1-136-539-11 1-102-030-00 1-128-142-11 1-102-030-00	FILM CERAMIC BLECT CERAMIC	0.0022MF 330PF 1500MF 330PF	3% 10% 20% 10%	2KV 500V 25V 500V
C251 C252 C253 C254 C255	1-124-903-11 1-126-233-11 1-163-009-11 1-137-098-11 1-124-636-00	ELECT CERAMIC CHIP FILM	1MF 22MF 0.001MF 0.1MF 3300MF	20% 20% 10% 10% 20%	50V 50V 50V 100V 25V	C617 C618 C619 C620	1-124-122-11 1-162-115-00 1-128-320-11 1-136-173-00	CERAMIC ELECT FILM	100MF 330PF 2200MF 0.47MF	20% 10% 20% 5%	50V 2KV 16V 50V
C261 C262 C263	1-124-903-11 1-126-233-11 1-163-009-11	CERAMIC CHIP	22MF 0.001MF	20% 20% 10%	50V 50V 50V	C621 C622 C623	1-124-347-00 1-128-320-11 1-124-910-11	ELECT ELECT	100MF 2200MF 47MF	20% 20% 20%	160V 16V 50V
C264 C265 C270	1-137-098-11 1-124-564-11	FILM ELECT	0.1MF 4700MF 0.47MF	10% 20% 10%	100V 25V 100V	C624 C625 C626 C627	1-124-122-11 1-124-360-00 1-124-907-11 1-163-009-11	ELECT ELECT ELECT CERAMIC CHIP	100MF 1000MF 10MF 0.001MF	20% 20% 20% 10%	50V 16V 50V 50V
C274 C501 C502 C503	1-137-035-11 1-137-035-11 1-124-927-11 1-124-927-11 1-137-049-11	FILM ELECT ELECT	0.47MF 4.7MF 4.7MF 0.015MF	10% 20% 20% 10%	100V 50V 50V 400V	C631 C632 C633 C801	1-124-927-11 1-163-009-11 1-163-117-00 1-126-105-11	ELECT CERAMIC CHIP CERAMIC CHIP ELECT	4.7MF 0.001MF 100PF 1000MF	20% 10% 5% 20%	50V 50V 50V 35V
C504 C505 C506 C507 C508	1-163-121-00 1-108-794-11 1-137-102-11 1-137-033-11 1-137-102-11		150PF 0.0015MF 0.022MF 0.33MF 0.022MF	5% 5% 10% 10%	50V 50V 250V 100V 250V	C802 C804 C805 C806	1-102-030-00 1-123-948-00 1-162-114-00 1-137-098-11	CERAMIC ELECT CERAMIC FILM MYLAR	330PF 22MF 0.0047MF 0.1MF	10% 20% 10%	500V 250V 2KV 100V
C509 C510 C511	1-137-098-11 1-161-959-00 1-108-686-11	FILM CERAMIC	0.1MF 22PF 0.0033MF	10% 10% 10%	100V 500V 100V	C807 C810	1-106-395-00 1-123-024-21 1-136-113-00	FILM	2MF	10% 5%	200V 160V 200V
C512 C513 C514	1-137-098-11 1-163-125-00	FILM CERAMIC CHIP FILM	0.1MF	10% 5%	100V 50V 100V	C814 △	1-124-634-11 1-102-212-00 .1-161-731-51 1-136-540-11	ELECT CERAMIC CERAMIC FILM	1MF 820PF 0.001MF 0.82MF	20% 10% 10% 5%	250V 500V 2KV 200V
C515 C516 C517 C518	1-124-903-11 1-108-680-11 1-124-252-00 1-124-902-00	ELECT Mylar	1MF 0.001MF 0.33MF	20% 10% 20% 20%	50V 100V 50V 50V	C813 <u>∧</u> C819 ∧	.1-136-591-11 .1-129-721-51 .1-161-731-51 1-137-046-11	FILM	0.001MF 0.0082MF	3% 10% 10% 10%	1.4KV 630V 2KV 400V
C519 C520 C521 C522	1-136-171-00 1-164-161-11 1-137-098-11 1-124-122-11	FILM CERAMIC CHIP FILM ELECT	0.33MF 0.0022MF 0.1MF 100MF	5% 10% 10% 20%	50V 50V 100V 50V	C822 C823	1-163-005-11 1-137-043-11	FILM	470PF 0.0047MF	10% 10%	50V 400V
C523 C524 C525	1-108-680-11 1-108-798-11 1-163-117-00	MYLAR MYLAR CERAMIC CHIP	0.001MF 0.0033MF	10% 5% 5%	100V 50V 50V	C824 C825 C1601A	1-102-212-00 1-137-102-11 1-136-518-11	CERAMIC FILM FILM	820PF 0.022MF 0.33MF	10% 10% 20%	500V 250V 300V
C526 C527 C531	1-163-117-00 1-163-101-00 1-137-098-11 1-124-190-00	CERAMIC CHIP FILM ELECT	22PF 0.1MF 680MF	5% 10% 10%	50V 100V 25V	C1603 <u>/</u> C1605 <u>/</u>	A 1-136-519-11 A 1-164-246-51 A 1-164-246-51 A 1-161-964-61	FILM CERAMIC CERAMIC CERAMIC	0.47MF 0.0022MF 0.0022MF 0.0047MF	20% 20% 20%	300V 400V 400V 250V
C532 C533 C534 C536	1-124-122-11 1-137-096-11 1-124-120-11 1-131-365-00	ELECT FILM ELECT TANTALUM	100MF 0.068MF 220MF 10MF	20% 10% 20% 10%	50V 100V 16V 16V			LTER>			
C537 C538	1-124-903-11	ELECT	1MF	20%	50V	CF001 CF501	1-577-364-11 1-567-888-11	VIBRATOR, COSCILLATOR,	ERAMIC CERAMIC		
C538 C539 C540 C592 C593	1-103-080-11 1-163-129-00 1-163-009-11 1-124-122-11 1-163-129-00	CERAMIC CHIP CERAMIC CHIP ELECT	330PF 0.001MF 100MF	5% 10% 20% 5%	50V 50V 50V 50V	D1 D2	<c09 *1-568-881-51 *1-568-882-51</c09 	PIN. CONNEC	ror 7P		
C602 A	A.1-161-964-61 A.1-161-964-61 A.1-161-964-61 A.1-125-318-11	CERAMIC EERAMIC	0.0047MF 0.0047MF 0.0047MF 220MF	20%	250V 250V 250V 400V	D11 D12 D18	*1-565-394-11 *1-565-394-11 *1-560-290-00	PIN, BOARD PIN, BOARD	TO BOARD CON TO BOARD CON	INECTOR	



The components identified by shading and mark \triangle are critical for safety.

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REF.NO. PART NO.	DESCRIPTION	REMARK	REF.NO. PART NO. DESCRIPTION REMARK
D21 *1-565-394-11 D22 *1-565-394-11 D31 *1-565-394-11 D32 *1-565-394-11 D33 *1-565-394-11	PIN, BOARD TO BOARD CONNECTOR PIN, BOARD TO BOARD CONNECTOR PIN, BOARD TO BOARD CONNECTOR		D801 8-719-300-33 DIODE RU-3AM D802 8-719-300-33 DIODE RU-3AM D803 8-719-976-64 DIODE RGP02-17 D804 8-719-911-55 DIODE U05G D805 8-719-911-55 DIODE U05G
D41 *1-566-367-11 D44 *1-568-881-51 D45 *1-568-881-51 D51 *1-566-367-11 D62 *1-565-395-11	CONNECTOR, HINGE (RECEPTACLE) PIN, CONNECTOR 6P PIN, CONNECTOR 6P CONNECTOR, HINGE (RECEPTACLE) PIN, CONNECTOR 3P		D806 8-719-945-80 DIODE ERCO6-15S D807 8-719-945-80 DIODE ERCO6-15S D808 8-719-900-26 DIODE ERD29-08J
D65 *1-508-765-00 D66 *1-508-786-00 D82 *1-508-765-00 D83 *1-508-786-00 D84 *1-568-536-11	PIN, CONNECTOR (5MM PITCH) 2P PIN, CONNECTOR (5MM PITCH) 3P		<pre></pre>
D88 *1-568-878-51 D801 *1-508-765-00	PIN, CONNECTOR 3P PIN, CONNECTOR (5MM PITCH) 3P		IC251 8-759-988-94 IC TDA2050
	ODE>		4-812-134-00 RIVET NYLON, 3.5; IC251 IC261 8-759-988-94 IC TDA2050 4-812-134-00 RIVET NYLON, 3.5; IC261 IC501 8-759-970-73 IC TEA2028B IC502 8-759-944-57 IC TDA8170
D005 8-719-109-89 D006 8-719-982-24 D007 8-719-982-08 D009 8-719-109-89	DIODE RD5.6ES-B2 DIODE MTZJ-33A DIODE MTZJ-3.9B		1C601 8-759-988-95 IC TEA2260 IC604 8-759-510-52 IC TEA7605 IC608 8-759-929-62 IC LM7812CT
D010 8-719-921-54 D011 8-719-921-54 D012 8-719-911-19 D013 8-719-109-97	DIODE MTZJ-6.2B DIODE 1SS119		<coil> L501 1-408-225-00 INDUCTOR 3.3UH</coil>
D271 8-719-921-88 D272 8-719-911-19 D501 8-719-911-19	DIODE MTZJ-13B DIODE 1SS119 DIODE 1SS119		L601
D504 8-719-911-55 D508 8-719-911-19 D509 8-719-911-19	DIODE 1SS119 DIODE 1SS119		L605 1-459-585-11 COIL (WITH CORE) (DRUM TYPE) L606 1-421-013-00 COIL (HORIZONTAL CHOKE) 25UH L607 1-410-671-31 INDUCTOR 47UH L801 1-459-087-00 COIL, HCC DUST CORE 3.9MMH
D511 8-719-911-55 D512 8-719-911-55 D513 8-719-010-34 D514 8-719-911-19 D515 8-719-911-19	DIODE UO5G DIODE UZ-4.78SC DIODE 1SS119		L803 1-459-104-00 COIL, DUST CORE L804 1-408-239-00 INDUCTOR 4.7MMH L805 A 1-459-907-22 COIL, HORIZONTAL LINEARITY
0601 A. 8-719-510-63 0602 8-719-300-33 0603 8-719-911-55 0604 8-719-911-55 0605 8-719-911-55	DIODE D4SB6OL-R DIODE RU-3AM DIODE U05G DIODE U05G		L806 1-459-087-00 COIL, HCC DUST CORE 3.9MMH L809 *1-420-872-00 COIL, AIR CORE L810 A.1-421-794-21 TRANSFORMER, FERRITE (PMT)
D606 8-719-300-33 D607 8-719-300-33 D608 8-719-300-33 D609 8-719-982-24 D610 8-719-300-59	DIODE RU-3AM DIODE RU-3AM DIODE MTZJ-33A		LF1601A.1-421-866-12 LFT LF1602A.1-421-776-21 LFT LF1603A.1-421-862-11 LFT T601 A.1-450-037-11 S.R.T T602 A.1-424-277-11 TRANSFORMER, TRIGGER PULSE
D611 8-719-900-26 D612 8-719-300-59 D613 8-719-979-85 D614 8-719-979-85	DIODE CTU-12S DIODE EGP2OG DIODE EGP2OG		T801 A .1-437-090-21 HDT T802 A .1-439-416-51 TRANSFORMER ASSY, FLYBACK (UX-1650)
D616 8-719-921-54 D617 8-719-911-19 D618 8-719-109-89 D619 8-719-982-24 D620 8-719-800-76 D621 8-719-982-24	DIODE 1SS119 DIODE RD5.6ES-B2 DIODE MTZJ-33A DIODE 1SS226		PS601A 1-532-984-91 LINK, IC (ICP-N50) 2A PS602A 1-532-984-91 LINK, IC (ICP-N50) 2A PS603A 1-532-679-91 LINK, IC (ICP-N15) 0.6A PS604A 1-532-984-91 LINK, IC (ICP-N50) 2A
D622 8-719-911-19 D623 8-719-911-19 D624 8-719-911-19 D630 8-719-921-91	DIODE 1SS119		<pre></pre>



REF.NO.	PART NO.	DESCRIPTION			PART NO.	DESCRIPTION			REMARK
Q003 Q004 Q005	8-729-216-22 8-729-216-22 8-729-901-01	TRANSISTOR 2SA1162-G TRANSISTOR 2SA1162-G TRANSISTOR DTC144EK		R032 R033	1-216-073-00 1-216-073-00		10K 5% 10K 5%	1/10W 1/10W	
Q006 Q007	8-729-901-01 8-729-120-28	TRANSISTOR DTC144EK TRANSISTOR 2SC1623-L5L6		R034 R035 R036	1-216-077-00 1-216-081-00 1-216-083-00	METAL GLAZE METAL GLAZE	15K 5% 22K 5% 27K 5% 6.8K 5% 6.8K 5%	1/10W 1/10W 1/10W	
Q008 Q009 Q010 Q251	8-729-120-28 8-729-120-28 8-729-120-28 8-729-120-28	TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SC1623-L5L6		R037 R038	1-216-069-00 1-216-069-00	METAL GLAZE METAL GLAZE METAL GLAZE		1/10W 1/10W 1/10W	
Q261 Q271	8-729-120-28 8-729-120-28 8-729-120-28 8-729-216-22	TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SC1623-L5L6		R040 R041 R042	1-216-081-00 1-216-077-00 1-216-073-00 1-216-049-00 1-216-041-00	METAL GLAZE METAL GLAZE METAL GLAZE	22K 5% 15K 5% 10K 5% 1K 5% 470 5%	1/10W 1/10W 1/10W	
0502 0505 0506	8-729-216-22 8-729-140-96 8-729-140-97 8-729-216-22	TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SA1162-G TRANSISTOR 2SD774-34 TRANSISTOR 2SB734-34 TRANSISTOR 2SA1162-G		R043	1-216-041-00 1-216-097-00 1-216-061-00	METAL GLAZE METAL GLAZE METAL GLAZE		1/10W 1/10W 1/10W	· ,
Q507 Q598 Q601	8-729-216-22 8-729-122-03	TRANSISTOR 2SATIO2-G TRANSISTOR 2SATI22-G TRANSISTOR 2SATI220A-P		R046 R047 R048	1-216-001-00 1-216-095-00 1-216-073-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE	100K 5% 3.3K 5% 82K 5% 10K 5% 10K 5%	1/10W 1/10W 1/10W 1/10W	
Q602 Q603 Q604	8-729-209-02 8-729-122-03 8-729-216-22	TRANSISTOR 2SD1548-LB TRANSISTOR 2SA1220A-P TRANSISTOR 2SA1162-G		R050	1-216-073-00 1-216-067-00	METAL GLAZE METAL GLAZE	10K 5% 5.6K 5%	1/10W 1/10W	
Q605 Q606 Q607	8-729-120-28 8-729-120-28 8-729-920-92	TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SD2096-EF		R051 R052 R053	1-216-041-00 1-216-049-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE	5.6K 5% 470 5% 1K 5% 1K 5%	1/10W 1/10W 1/10W	
Q608 Q609	8-729-120-28 8-729-320-62	TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SD789-34		R054 R055 R056	1-216-037-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE	1K 5% 330 5% 10K 5% 100 5% 1K 5%	1/10W 1/10W 1/10W	
Q801 Q804 Q805	8-729-120-28 8-729-304-50 8-729-119-80	TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SD1941-06 TRANSISTOR 2SC2688-LK		R057 R058 R059	1-216-025-00 1-216-049-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE		1/10W 1/10W 1/10W	
	<res< td=""><td>ISTOR></td><td></td><td>R060 R061 R062</td><td>1-216-049-00 1-216-065-00 1-216-049-00</td><td>METAL GLAZE METAL GLAZE METAL GLAZE</td><td>1K 5% 1K 5% 4.7K 5% 1K 5% 1K 5%</td><td>1/10W 1/10W 1/10W</td><td></td></res<>	ISTOR>		R060 R061 R062	1-216-049-00 1-216-065-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE	1K 5% 1K 5% 4.7K 5% 1K 5% 1K 5%	1/10W 1/10W 1/10W	
JR1 JR3 JR4	1-216-296-00 1-216-296-00 1-216-295-00 1-216-296-00	METAL GLAZE 0 5% 1// METAL GLAZE 470 5% 1//	8W 10W	R063	1-216-049-00 1-216-049-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE		1/10W 1/10W 1/10W	
JR7 R001 R002	1-216-041-00 1-216-041-00		10W	R065 R066 R067 R068	1-216-049-00 1-216-049-00 1-216-073-00 1-216-174-00	METAL GLAZE METAL GLAZE METAL GLAZE	1K 5% 1K 5% 1K 5% 10K 5% 100 5%	1/10W 1/10W 1/10W 1/8W	- 7
R003 R004 R005	1-216-198-00 1-216-049-00 1-216-081-00	METAL GLAZE 1K 5% 1/8 METAL GLAZE 1K 5% 1/9 METAL GLAZE 22K 5% 1/9	8W 10W 10W	R069 R070	1-216-174-00 1-216-198-00	METAL GLAZE METAL GLAZE		1/8W 1/8W	
R006 R007 R008	1-216-073-00 1-216-065-00 1-216-073-00	METAL GLAZE 4.7K 5% 1/	10W 10W 10W	R071 R072 R073	1-216-198-00 1-216-222-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE	100 5% 1K 5% 1K 5% 10K 5% 10K 5%	1/8W 1/8W 1/10W	
R009 R010 R012	1-216-073-00 1-216-041-00 1-216-073-00	METAL GLAZE 10K 5% 1/	10W 10W 10W	R075 R076 R078	1-216-041-00 1-216-073-00 1-216-198-00	METAL GLAZE METAL GLAZE METAL GLAZE	470 5% 10K 5% 1K 5%	1/10W 1/10W 1/8W	
R013 R014 R015	1-216-073-00 1-216-085-00	METAL GLAZE 10K 5% 1/ METAL GLAZE 33K 5% 1/	10W 10W 10W	R079 R080	1-216-073-00 1-216-073-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE	10K 5% 10K 5%	1/10W 1/10W 1/10W	
R016 R017	1-216-061-00 1-216-085-00 1-216-748-11	METAL GLAZE 33K 5% 1/ METAL GLAZE 39K 5% 1/	10W 10W	R081 R083 R084 R085	1-216-049-00 1-216-049-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE	10K 5% 1K 5% 1K 5% 1K 5% 1K 5%	1/10W 1/10W 1/10W 1/10W	
R018 R019 R020	1-216-095-00 1-216-025-00 1-216-025-00	METAL GLAZE 100 5% 1/ METAL GLAZE 100 5% 1/	10W 10W 10W	R086	1-216-049-00 1-216-035-00	METAL GLAZE	1K 5% 270 5% 2.7K 5%	1/10W	
 R021 R022 R024	1-216-065-00 1-216-065-00 1-216-073-00	METAL GLAZE 4.7K 5% 1/	10W 10W	R088 R093 R094 R095	1-216-059-00 1-216-073-00 1-216-073-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	2.7K 5% 10K 5% 10K 5% 10K 5%	1/10W 1/10W 1/10W 1/10W	
R024 R025 R026 R027	1-216-073-00 1-216-182-00 1-216-025-00	METAL GLAZE 10K 5% 1/ METAL GLAZE 220 5% 1/3	10W	R096 R098	1-216-073-00 1-216-049-00	METAL GLAZE METAL GLAZE		1/10W 1/10W	
R028 R029 R030	1-216-025-00 1-216-073-00 1-216-073-00	METAL GLAZE 10K 5% 1/	10W 10W 10W	R251 R252 R253	1-216-065-00 1-216-039-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE	10K 5% 1K 5% 4.7K 5% 390 5% 10K 5%	1/10W 1/10W 1/10W	
R031	1-216-081-00	METAL GLAZE 22K 5% 1/	10W	R254	1-216-357-00	METAL OXIDE	4.7 5%	1W	F



	REF.NO.	PART NO.	DESCRIPTION				REMARK	REF.NO.	PART NO.	DESCRIPTION				REMARK
.·	R255 R256 R257 R258 R259	1-216-073-00 1-216-115-00 1-216-077-00 1-215-869-11 1-216-065-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL OXIDE METAL GLAZE	10K 560K 15K 1K 4.7K	5% 5%	1/10W 1/10W 1/10W 1W 1/10W	F	R553 R554 R555 R556 R556	1-215-869-11 1-216-037-00 1-216-129-00 1-216-025-00 1-216-065-00	METAL OXIDE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	1K 330 2.2M 100 4.7K	5% 5% 5% 5%	1W 1/10W 1/10W 1/10W 1/10W	
	R261 R262 R263 R264 R265	1-216-065-00 1-216-039-00 1-216-073-00 1-216-357-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL OXIDE METAL GLAZE	4.7K 390 10K 4.7 10K	5% 5% 5% 5%	1/10W	F	R558 R559 R560 R561 R570	1-216-113-00 1-216-069-00 1-216-037-00 1-216-107-00 1-216-045-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	470K 6.8K 330 270K 680	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
	R266 R267 R268 R269 R270	1-216-115-00 1-216-077-00 1-215-869-11 1-216-065-00 1-216-073-00 1-216-045-00	METAL GLAZE METAL GLAZE METAL OXIDE METAL GLAZE METAL GLAZE METAL GLAZE	560K 15K 1K 4.7K 10K	5%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	1/10W 1/10W 1W 1/10W 1/10W	F	R591 R592 R593 R594 R597 R598	1-216-047-00 1-216-049-00 1-216-053-00 1-216-071-00 1-216-041-00 1-215-900-11	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL OXIDE	820 1K 1.5K 8.2K 470 22K	5% 5%% 5%% 5%% 5%%	1/10W 1/10W 1/10W 1/10W 1/10W 2W	
	R272 R273 R274 R500	1-216-073-00 1-216-073-00 1-216-073-00 1-216-115-00 1-216-041-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	10K 10K 10K 560K	5555% 55555 5	1/10W 1/10W 1/10W 1/10W		R600 R601 R603 R604 R605	1-249-381-11 1-216-353-00 1-216-469-11 1-216-025-00 1-216-081-00	CARBON METAL OXIDE METAL OXIDE METAL GLAZE METAL GLAZE METAL GLAZE	1 2.2 12 100 22K	5% 5% 5% 5% 5%	1/4W 1W 1 3W 1 1/10W	7
	R502 R503 R504 R505	1-216-033-00 1-216-035-00 1-249-420-11 1-216-077-00 1-216-071-00	METAL GLAZE METAL GLAZE CARBON METAL GLAZE METAL GLAZE	220 270 1.8K 15K	5% 5% 5% 5% 5%	1/10W 1/10W 1/4W 1/10W		R606 R607 R608 R609 R610	1-216-051-00 1-216-067-00 1-216-488-11 1-216-007-00 1-244-941-00	METAL GLAZE METAL GLAZE METAL OXIDE METAL GLAZE CARBON	1.2K 5.6K 18K 18 680K	5% 5% 5% 5% 5%	1/10W 1/10W 3W F 1/10W	i
	R509 R510 R514 R515	1-216-063-00 1-216-067-00 1-216-033-00 1-216-061-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	5.6K 220 3.3K	5%	1/10W 1/10W 1/10W 1/10W		R611 R612 R613 R614 R616	1-216-015-00 1-216-049-00 1-216-097-00 1-205-758-11 1-216-099-00	METAL GLAZE METAL GLAZE METAL GLAZE WIREWOUND METAL GLAZE	39 1K 100K 100 120K	5% 5% 5% 10% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
	R518 R519 R520 R521 R522	1-216-089-00 1-216-081-00 1-216-037-00 1-216-025-00 1-215-469-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL	47K 22K 330 100	5% 5% 5%	1/10W 1/10W 1/10W 1/10W		R617 R618 R619 R620 R621	1-216-037-00 1-216-431-11 1-216-073-00 1-216-081-00 1-216-077-00	METAL GLAZE METAL OXIDE METAL GLAZE METAL GLAZE METAL GLAZE	330 560 10K 22K 15K	5% 5% 5% 5%	1/10W 1W F 1/10W 1/10W 1/10W	•
	R523 R524 R526 R527	1-216-049-00 1-216-057-00 1-249-409-11 1-216-077-00 1-216-031-00	METAL GLAZE METAL GLAZE CARBON METAL GLAZE METAL GLAZE	1K 2.2K 220 15K	5% 5% 5% 5%	1/10W 1/10W 1/4W 1/10W	ř	R622 R623 R624	1-216-073-00 1-216-081-00 1-216-067-00 1-215-865-11 1-216-037-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL OXIDE METAL GLAZE	10K 22K 5.6K 220 330	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1W F	
	R530 R531	1-216-069-00 1-249-448-11	METAL GLAZE CARBON	180 6.8K 1.2 120K 1K	5% 5% 5%	1/10W 1/4W I 1/10W 1/10W	F	R628 R629 R633	1-216-001-00 1-216-037-00 1-216-049-00 1-216-430-11 1-216-073-00		10 330 1K 390 10K		1/10W 1/10W 1/10W 1/10W 1W F	
	R534 R535 R536 R537	1-216-119-00 1-249-749-00 1-216-129-00 1-216-083-00 1-216-101-00	METAL GLAZE CARBON METAL GLAZE METAL GLAZE METAL GLAZE	2.2M 2.2M 27K	5% 5% 5% 5% 5% 5%	1/10W 1/4W 1/10W 1/10W		R636 R643 R651 R653	1-216-073-00 1-217-189-21 1-216-025-00 1-205-758-11 1-249-443-11	METAL GLAZE WIREWOUND METAL GLAZE WIREWOUND CARBON	10K 0.12 100 100 0.47	5% 5% 5% 10% 5%	1/10W 2W F 1/10W 10W F 1/4W F	
	R538 R539 R540 R541 R542	1-216-101-00 1-216-013-00 1-216-091-00 1-216-308-00 1-249-451-11	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE CARBON	56K 4.7	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		R805 R806 R807 R809	1-249-448-11 1-216-093-00 1-215-869-11 1-202-821-11	CARBON METAL GLAZE METAL OXIDE SOLID	1.2 68K 1K 1.8K	5% 5% 5% 10%	1/4W F 1/10W 1W F 1/2W	
	R543 R544 R545 R546 R547	1-247-745-11 1-216-081-00	CARBON METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	22K 27K 3.3K	55555555555	1/2W 1/10W 1/10W 1/10W		R811 R812 R815 R816	1-202-818-00 1-215-882-00 1-247-281-00 1-215-884-11 1-215-868-00	SOLID METAL OXIDE CARBON METAL OXIDE METAL OXIDE	1K 22 51K 47 680	10% 5% 5%	1/2W F 1/2W P 1/1/2W F 1/1/2W F	
	R549 R550	1-216-454 - 11 1-216-095-00	METAL OXIDE METAL GLAZE METAL GLAZE	390 82K 2.2M	5% 5% 5%	1W F 2W F 1/10W 1/10W		R820	1-216-049-00 1-249-403-11 1-247-725-11	METAL GLAZE CARBON CARBON	1K 68 10K	5% 5% 5%	1/10W 1/4W 1/4W F	

The components identified by shading and mark A are critical for safety.

Replace only with part number specified

8-729-119-78 TRANSISTOR 2SC2785-HFE 8-729-119-78 TRANSISTOR 2SC2785-HFE 8-729-140-97 TRANSISTOR 2SB734-34 8-729-140-96 TRANSISTOR 2SD774-34

<RESISTOR>

1-249-418-11 CARBON 1-249-426-11 CARBON

Replace only with part number specified.						D \	/M	V
REF.NO. PART NO. DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION			REMARK	
R826 1-216-097-00 METAL GLAZE 100K 5% 1/ R827 1-216-073-00 METAL GLAZE 10K 5% 1/	V F /10W /10W	R753 R754 R755	1-249-414-11 1-249-434-11 1-249-405-11	CARBON CARBON CARBON	560 27K 100	5% 1/4W 5% 1/4W 5% 1/4W		
R829 1-216-051-00 METAL GLAZE 1.2K 5% 1/ R831 1-249-451-11 CARBON 2.2 5% 1/ R16014 1-246-513-75 CARBON 47K 5% 1/	/10W /10W /4W /4W	R756 R757 R758 R760 R761	1-249-419-11 1-249-405-11 1-249-409-11 1-249-411-11 1-249-429-11	CARBON CARBON CARBON CARBON CARBON CARBON	1.5K 100 220 330 10K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W		
R1603A 1-217-328-11 WIREWOUND 2.7 10% 7W R1604A 1-246-513-75 CARBON 47K 5% 17 R1605A 1-218-265-91 METAL GLAZE 8.2M 5% 1W R5501 1-216-073-00 METAL GLAZE 10K 5% 1/	/2W V F /4W V /10W	R762 R763 R764 R765 R766	1-247-895-00 1-249-429-11 1-249-455-11 1-249-455-11 1-247-753-11	CARBON CARBON CARBON CARBON CARBON	470K 10K 4.7 4.7 1.2K	5% 1/4W 5% 1/4W 5% 1/4W 5% 1/4W 5% 1/2W	F	
R5503 1-216-001-00 METAL GLAZE 10 5% 1/ R5504 1-216-121-00 METAL GLAZE 1M 5% 1/ R5505 1-216-001-00 METAL GLAZE 10 5% 1/	/10W /10W /10W /10W	R767 R768 R769 <u>A</u>	1-247-751-11 1-215-887-00 1-212-889-51	CARBON METAL OXIDE FUSIBLE	820 150 220	5% 1/2W 5% 2W 5% 1/4W		**************************************
<variable resistor=""></variable>				NECTOR>				
RV501 1-238-013-11 RES, ADJ, CARBON 2.2K RV502 1-238-016-11 RES, ADJ, CARBON 10K RV601 1-238-011-11 RES, ADJ, CARBON 470		VM88.	*1-568-878-51	PIN, CONNECTO PIN, CONNECTO	R 3P	:*****	*****	
<spark gap=""></spark>			A-1645-013-A	V BOARD, COMP				
SG801 1-519-422-11 GAP, SPARK			<cap< td=""><td>ACITOR></td><td></td><td></td><td></td><td></td></cap<>	ACITOR>				
<pre><thermistor> THP6014 1-808-059-32 THERMISTOR, POSITIVE ************************************</thermistor></pre>	*****	C1 C2 C3 C4 C5	1-126-101-11 1-163-038-00 1-124-120-11 1-163-077-00 1-124-120-11	CERAMIC CHIP ELECT CERAMIC CHIP	220MF	20% 20% 20%	16V 25V 16V 50V 16V	
*1-634-193-11 VM BOARD ************ <capacitor></capacitor>		C6 C10 C11 C12 C13	1-163-038-00 1-163-038-00 1-163-038-00 1-163-038-00 1-163-038-00	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.1MF 0.1MF 0.1MF		25V 25V 25V 25V 25V	
C751 1-101-361-00 CERAMIC 150PF 5% C752 1-108-629-11 MYLAR 0.018MF 10% C753 1-137-047-11 FILM 0.01MF 10% C754 1-102-980-00 CERAMIC 270PF 5% C757 1-108-692-11 MYLAR 0.01MF 10%	100V 400V 50V	C14 C15 C16 C17 C18	1-124-927-11 1-124-927-11 1-163-141-00 1-163-141-00 1-163-141-00		0.001MF	5%	50V 50V 50V 50V 50V	
C759 1-124-907-11 ELECT 10MF 20% C760 1-124-917-11 ELECT 33MF 20% C761 1-101-006-00 CERAMIC 0.047MF C762 1-137-047-11 FILM 0.01MF 10%	50V 50V	C26 C27 C28 C29 C32	1-163-038-00 1-163-117-00 1-163-117-00 1-163-117-00 1-163-038-00	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	100PF 100PF 100PF	5% 5% 5%	25V 50V 50V 50V 25V	
<coil></coil>		C33	1-163-038-00	CERAMIC CHIP	0.1MF		25V	
L751 1-408-413-00 INDUCTOR 22UH L770 1-410-665-31 INDUCTOR 15UH			<con< td=""><td>NECTOR></td><td></td><td></td><td></td><td></td></con<>	NECTOR>				
<transistor></transistor>			1-565-393-11 1-565-393-11	CONNECTOR, BO				

D1 D3 D4 D5 D6

D7

<DIODE>

8-719-105-52 DIODE RD3.6M-B2

8-719-105-91 8-719-914-44 8-719-400-18 8-719-914-44 8-719-400-18

DIODE RD5.6M-B2 DIODE DAP202K DIODE MA152WK DIODE DAP202K DIODE MA152WK





The components identified by shading and mark \triangle are critical for safety.
Replace only with part number specified.

	REF.NO.	PART NO.	DESCRIPTION				REMARK	REF.NO.	PART NO.	DESCRIPTION			. + 1.	REMARK
	D9		DIODE RD6.8M-	B2 .				R9 R02 R10	1-216-308-00 1-216-214-00 1-218-325-11	METAL GLAZE METAL GLAZE METAL GLAZE	4.7 4.7K 120		1/10W 1/8W 1/4W	
	1C1 1C2 1C3	8-759-510-46	IC SDA20162-B IC SAA5246P/E IC FCB61C65L-					R11 R12 R13 R14 R15	1-218-325-11 1-218-325-11 1-216-025-00 1-216-001-00 1-216-013-00	METAL GLAZE METAL GLAZE METAL GLAZE	120 120 100 10 33	% %	1/4W 1/4W 1/10W 1/10W 1/10W	
*	L1 L2 L3 L4	<01 1-408-403-00 1-408-407-00 1-408-407-00 1-408-407-00	INDUCTOR INDUCTOR INDUCTOR	3.3U 6.8U 6.8U 6.8U	H H H			R16 R17 R18 R19 R20	1-216-013-00 1-216-013-00 1-216-025-00 1-216-025-00 1-216-041-00	METAL GLAZE METAL GLAZE METAL GLAZE	33 33 100 100 470	5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
		<10	LINK>					R21 R22 R23 R24 R25	1-216-041-00 1-216-168-00 1-216-214-00 1-216-055-00 1-216-065-00	METAL GLAZE METAL GLAZE METAL GLAZE	470 56 4.7K 1.8K 4.7K	5% 5% 5%	1/10W 1/8W 1/8W 1/10W 1/10W	
	- 1000 THE STORY OF THE STORY O	<tra< td=""><td>NSISTOR></td><td></td><td></td><td>7 177</td><td></td><td>R26 R27</td><td>1-216-049-00 1-216-214-00</td><td>METAL GLAZE METAL GLAZE</td><td></td><td></td><td>1/10W 1/8W</td><td></td></tra<>	NSISTOR>			7 177		R26 R27	1-216-049-00 1-216-214-00	METAL GLAZE METAL GLAZE			1/10W 1/8W	
	01 02	8-729-920-92	TRANSISTOR DT TRANSISTOR 2S	D2096-	EF			R28 R34 R35	1-216-067-00 1-216-065-00 1-216-065-00	METAL GLAZE METAL GLAZE METAL GLAZE	1K 4.7K 5.6K 4.7K 4.7K	5% 5% 5%	1/10W 1/10W 1/10W	
	Q3 Q4 Q5	8-729-120-28 8-729-120-28 8-729-807-87	TRANSISTOR 2S TRANSISTOR 2S TRANSISTOR 2S	C1623-	1516			R40 R41	1-216-065-00 1-216-065-00	METAL GLAZE			1/10W 1/10W	
	Q6 Q7	8-729-807-87	TRANSISTOR 2S TRANSISTOR 2S	B1295-	UL6		,	R42 R44 R46	1-216-049-00 1-216-295-00 1-216-065-00	METAL GLAZE METAL GLAZE METAL GLAZE	1K 0 4.7K		1/10W 1/10W 1/10W	
	Q8		TRANSISTOR 2S	C1623-	L5L6			R47 R49 R50	1-216-065-00 1-216-049-00 1-216-296-00	METAL GLAZE	4.7K 5	5% 5%	1/10W 1/10W 1/8W	ty to a second
	JRO1 JRO2 JRO3 JRO8 JRO9	1-216-295-00 1-216-295-00	METAL GLAZE METAL GLAZE	0 0 0 0	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		RV1	<var 1-238-012-11</var 	IABLE RESISTOR RES, ADJ, CAR				
	JR11 JR14 JR17 JR18 JR19	1-216-295-00 1-216-296-00 1-216-295-00 1-216-296-00 1-216-296-00	METAL GLAZE	0 0 0 0 0	5% 5% 5% 5%	1/10W 1/8W 1/10W 1/8W 1/8W		l	<pre><cry: 1-577-364-11<="" 1-579-266-21="" pre=""></cry:></pre>					
	JR20 JR21 JR23 JR24 JR25	1-216-296-00 1-216-296-00 1-216-295-00 1-216-296-00 1-216-296-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0 0	5% 5% 5% 5%	1/8W 1/8W 1/10W 1/8W 1/8W			* 1-638-391 - 11	H1 BOARD	*****			
	JR26 JR201 JR204 JR207 JR208	1-216-296-00 1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0	5% 5% 5% 5%	1/8W 1/10W 1/10W 1/10W 1/10W		H1-02 H1-4 H1-05	*1-568-881-51 1-568-678-11 *1-568-879-51 1-562-837-11	TERMINAL BLOC PIN, CONNECTO JACK	K, S 3P R 4P			
	JR211 JR213 JR219 JR220 JR223	1-216-295-00 1-216-295-00 1-216-296-00 1-216-295-00 1-216-295-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	0 0 0 0 0	5% 5% 5% 5%	1/10W 1/10W 1/8W 1/10W 1/10W			*1-568-879-51 *1-564-512-11 <res< td=""><td>PIN, CONNECTO PLUG, CONNECT ISTOR></td><td></td><td></td><td></td><td></td></res<>	PIN, CONNECTO PLUG, CONNECT ISTOR>				
	R1 R3 R4 R5 R6	1-218-326-11 1-216-049-00 1-216-025-00 1-216-047-00 1-216-001-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	470 1K 100 820 10	5% 5% 5% 5%	1/2W 1/10W 1/10W 1/10W 1/10W		R1651 R1652	1-249-413-11 1-249-413-11 <swi< td=""><td>CARBON</td><td>470 5 470 5</td><td>5% 5%</td><td>1/4W 1/4W</td><td></td></swi<>	CARBON	470 5 470 5	5% 5%	1/4W 1/4W	
	R7 R8	1-216-083-00 1-216-071-00	METAL GLAZE METAL GLAZE	27K 8.2K	5% 5%	1/10W 1/10W		S1651 S1652	1-571-532-21 1-571-532-21	SWITCH, TACTI SWITCH, TACTI	L			

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REF.NO. PART NO. DESCRIPTION		REMARK	REF.NO.	PART NO.	DESCRIPTION	:		REMARK
\$1653 1-571-532-21 SWITCH, TACTIL	******	******		1-137-102-11 1-137-102-11 1-108-686-11	FILM	0.022MF 0.022MF 0.0033MF	10% 10% 10%	250V 250V 100V
*1-638-392-11 H2 BOARD ******** *4-374-987-01 GUIDE, LIGHT *4-381-686-01 BRACKET (B), L	IGHT GUIDE		C221 C222 C223 C224 C225	1-108-686-11 1-137-095-11 1-137-095-11 1-137-047-11 1-136-173-00	MYLAR FILM FILM FILM FILM	0.0033MF 0.056MF 0.056MF 0.01MF 0.47MF	10% 10% 10% 10% 5%	100V 100V 100V 400V 50V
<pre></pre>	1651		C226 C227 C228 C229 C230	1-136-173-00 1-137-102-11 1-137-104-11 1-137-049-11 1-137-049-11	FILM FILM FILM	0.47MF 0.022MF 0.033MF 0.015MF 0.015MF	5% 10% 10% 10% 10%	50V 250V 250V 400V 400V
*4-201-076-01 HOLDER, LED; D D1654 8-719-948-31 DIODE LD-201VR *4-201-076-01 HOLDER, LED; D	1652		C231 C232 C233 C234 C235	1-124-902-00 1-124-907-11 1-163-005-11 1-163-005-11 1-163-005-11	ELECT CERAMIC CHIP CERAMIC CHIP	470PF	20% 20% 10% 10%	50V 50V 50V 50V
<pre><connector> H2-2 *1-568-882-51 PIN, CONNECTOR <ic></ic></connector></pre>	7P		C236 C237 C238 C239 C240	1-163-005-11 1-124-902-00 1-163-125-00 1-126-103-11 1-163-018-00	CERAMIC CHIP ELECT CERAMIC CHIP ELECT CERAMIC CHIP	0.47MF 220PF 470MF	10% 20% 5% 20% 10%	50V 50V 50V 16V 50V
IC1651 8-741-101-75 IC SBX1610-11 <res1stor></res1stor>			C241 C242 C243 C244 C245	1-163-018-00 1-163-033-00 1-163-033-00 1-163-033-00 1-163-033-00	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.022MF 0.022MF 0.022MF	10%	50V 50V 50V 50V 50V
**************************************	470 5% 1/4W ********	******	C1403 C1404	1-124-907-11 1-126-103-11 1-163-003-11 1-124-902-00 1-136-017-00	CERAMIC CHIP	0.47MF	20% 20% 10% 20%	50V 16V 50V 50V 50V
******** <capacitor> C1751 1-101-005-00 CERAMIC 0 C1752 1-101-005-00 CERAMIC 0</capacitor>	.022MF	50V	C1408 C1409	1-124-902-00 1-124-910-11 1-124-122-11 1-126-233-11 1-124-907-11	ELECT ELECT ELECT ELECT ELECT	0.47MF 47MF 100MF 22MF	20% 20% 20% 20% 20%	50V 50V 50V 50V 50V
<pre><connector> J2-1 1-537-339-11 TERMINAL BOARD</connector></pre>		50V	C1413 C1414	1-124-907-11 1-124-910-11 1-124-910-11 1-124-907-11 1-124-902-00	ELECT	10MF 47MF 47MF 10MF 0.47MF	20% 20% 20% 20% 20%	50V 50V 50V 50V 50V
J2-4 *1-564-519-11 PLUG, CONNECTO J2-6 *1-560-278-21 PLUG, CONNECTO <coil></coil>	8 4P		C1417 C1418 C1419	1-124-902-00 1-124-120-11 1-163-003-11 1-163-003-11 1-124-902-00	ELECT ELECT CERAMIC CHIP CERAMIC CHIP ELECT		20% 20% 10% 10% 20%	50V 16V 50V 50V 50V
L1751 1-412-240-11 INDUCTOR, WIDE L1752 1-412-240-11 INDUCTOR, WIDE ************************************	BAND ************************************	******	C1427 C1428 C1429	1-124-902-00 1-136-017-00 1-136-017-00 1-136-017-00 1-163-003-11	ELECT CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.0047MF 0.0047MF	20%	50V 50V 50V 50V 50V
C203 1-124-925-11 ELECT 2	2MF 20%	50V	C1432 - C1433 C1436	1-126-529-11 1-124-902-00- 1-124-122-11 1-163-009-11 1-163-009-11	ELECT ELECT ELECT CERAMIC CHIP CERAMIC CHIP		20% 20% 20% 10% 10%	50V 50V 50V 50V 50V
C207	2MF 20% .7MF 20% 2MF 20%	50V 50V 50V 50V 400V 400V	C1439 C1440 C1441	1-137-047-11 1-137-047-11 1-124-907-11 1-124-907-11 1-124-902-00	FILM FILM ELECT ELECT ELECT	0.01MF 0.01MF 10MF 10MF 0.47MF	10% 10% 20% 20% 20%	400V 400V 50V 50V 50V

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REF.NO. PART NO.	DESCRIPTION		REMARK	REF.NO.	PART NO.	DESCRIPTION	l (1 km) gret		REMARK
C1443 1-124-902-00 C1444 1-124-910-11 C1445 1-102-824-00 C1446 1-102-824-00 C1501 1-124-927-11	BLECT 0.47MF BLECT 47MF CERAMIC 470PF CERAMIC 470PF BLECT 4.7MF	20% 20% 5% 5% 20%	50V 50V 50V 50V 50V	J1402 J1403	<jac 1-561-534-41 1-561-534-41</jac 	SOCKET 21P		· · · · · ·	A
C1502 1-124-903-11 C1503 1-108-680-11 C1504 1-124-910-11 C1505 1-137-094-11 C1507 1-108-686-11	BLECT 1MF MYLAR 0.001MF BLECT 47MF FILM 0.047MF MYLAR 0.0033MF	20% 10% 20% 10% 10%	50V 100V 50V 100V 100V	Q201 Q202	8-729-120-28 8-729-120-28	NSISTOR> TRANSISTOR 2 TRANSISTOR 2	2SC1623-L5L6		
C1508 1-124-903-11 C1509 1-124-903-11 C1511 1-124-927-11 C1513 1-163-105-00	BLECT 1MF BLECT 1MF BLECT 4.7MF CERAMIC CHIP 33PF	20% 20% 20% 5%	50V 50V 50V 50V	Q1401 Q1402 Q1403 Q1404	8-729-216-22 8-729-120-28 8-729-120-28 8-729-216-22	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	2SC1623-L5L6 2SC1623-L5L6		
<001	NNECTOR>				<res< td=""><td>ISTOR></td><td></td><td></td><td></td></res<>	ISTOR>			
CN1401 1-565-838-11 J1-41 *1-566-641-11 J1-43 *1-564-524-11 J1-44 *1-564-527-11 J1-51 *1-566-641-11	CONNECTOR, HINGE (TAB) PLUG, CONNECTOR 9P PLUG, CONNECTOR 12P	18P		R201 R202 R203 R204 R205	1-216-079-00 1-216-206-00 1-216-075-00 1-216-085-00 1-216-085-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	18K 5% 2.2K 5% 12K 5% 33K 5% 33K 5%	1/10W 1/8W 1/10W 1/10W 1/10W	
	DDE> DIODE RD9.1ES-B3			R206 R207 R208 R209	1-216-061-00 1-216-061-00 1-216-077-00 1-216-081-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	3.3K 5% 3.3K 5% 15K 5% 22K 5%	1/10W 1/10W 1/10W	
D202 8-719-110-14 D205 8-719-110-03 D206 8-719-110-03 D1401 8-719-110-03	DIODE RD9.1ES-B3 DIODE RD7.5ES-B2 DIODE RD7.5ES-B2 DIODE RD7.5ES-B2			R210 R211 R212 R213	1-216-077-00 1-216-097-00 1-216-081-00 1-216-077-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	15K 5% 100K 5% 22K 5% 15K 5%	1/10W 1/10W 1/10W 1/10W	There is
D1403 8-719-110-03 D1404 8-719-110-03 D1405 8-719-110-03 D1406 8-719-110-03 D1407 8-719-921-77	DIODE RD7.5ES-B2 DIODE RD7.5ES-B2 DIODE RD7.5ES-B2 DIODE RD7.5ES-B2 DIODE MTZN-IOC			R214 R215 R216 R217	1-216-033-00 1-216-081-00 1-216-081-00 1-216-077-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	220 5% 22K 5% 22K 5% 15K 5%	1/10W 1/10W 1/10W 1/10W	
D1408 8-719-110-14 D1409 8-719-110-14 D1410 8-719-110-14 D1415 8-719-110-03	DIODE RD9.1ES-B3 DIODE RD9.1ES-B3 DIODE RD9.1ES-B3 DIODE RD7.5ES-B2			R218 R219 R220 R221	1-216-033-00 1-216-073-00 1-216-057-00 1-216-041-00	METAL GLAZE METAL GLAZE METAL GLAZE	220 5% 10K 5% 2.2K 5%	1/10W 1/10W 1/10W	
D1418 8-719-110-03 D1419 8-719-110-03 D1420 8-719-110-03 D1421 8-719-110-03	DIODE RD7.5ES-B2 DIODE RD7.5ES-B2 DIODE RD7.5ES-B2 DIODE RD7.5ES-B2 DIODE RD7.5ES-B2			R222 R223 R224 R225	1-216-041-00 1-216-049-00 1-216-049-00 1-216-049-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	470 5% 1K 5% 1K 5% 1K 5%	1/10W 1/10W 1/10W 1/10W	
D1422 8-719-110-03	DIODE RD7.5ES-B2 DIODE RD7.5ES-B2 DIODE RD7.5ES-B2			R226 R227 R228 R229	1-216-049-00 1-216-033-00 1-216-033-00 1-216-075-00	METAL GLAZE METAL GLAZE METAL GLAZE	1K 5% 220 5% 220 5% 12K 5%	1/10W 1/10W 1/10W 1/10W	
01425 8-719-110-03 01501 8-719-300-33 01502 8-719-911-19	DIODE RD7.5ES-B2 DIODE RD7.5ES-B2 DIODE RD7.3EAM DIODE 1SS119			R231 R232 R233	1-216-079-00 1-216-073-00 1-216-073-00 1-216-057-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	18K 5% 10K 5% 10K 5% 2.2K 5%	1/10W 1/10W 1/10W 1/10W	
D1503 8-719-911-19 D1504 8-719-911-19 D1505 8-719-911-19 D1506 8-719-982-33 D1507 8-719-911-19	DIODE 155119 DIODE 155119 DIODE MTZJ-36D DIODE 155119			R234 R235 R236 R240	1-216-057-00 1-216-295-00 1-216-295-00 1-216-033-00	METAL GLAZE	2.2K 5% 0 5% 0 5% 220 5%	1/10W 1/10W 1/10W 1/10W	
D1510 8-719-911-19	DIODE 188119			R241 R242 R243	1-216-091-00 1-216-091-00 1-216-075-00	METAL GLAZE	56K 5% -56K 5% 12K 5%	1/10W 1/10W 1/10W	i
1C201 8-759-013-17 IC1401 8-752-053-17 IC1402 8-759-946-32 IC1403 8-759-140-53	DIODE RD7.5ES-B2 DIODE RD7.5ES-B2 DIODE RD7.5ES-B2 DIODE RD7.5ES-B2 DIODE RD7.5ES-B2 DIODE RU-3AM DIODE ISS119 TC TDA6200 IC CXA1114P IC TEA2014A IC UPD4053BC IC TEA2031A			R244 R245 R246 R247 R248	1-216-067-00 1-216-075-00 1-216-067-00 1-216-067-00 1-216-067-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	5.6K 5% 12K 5% 5.6K 5% 12K 5% 5.6K 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
IC1501 8-759-942-16	IC TEA2031A			R249 R250	1-216-075-00 1-216-067-00	METAL GLAZE METAL GLAZE	12K 5% 5.6K 5%	1/10W 1/10W	

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REF.NO.	PART NO.	DESCRIPTION				REMARK	REF.NO.	PART NO.	DESCRIPTION			1	REMARK	
R1401	1-216-295-00 1-216-023-00	METAL GLAZE METAL GLAZE	0 82	5% 5%	1/10W 1/10W		1	1-216-023-00	METAL GLAZE	82	5%	1/10W		
R1403	1-216-170-00 1-216-089-00 1-216-178-00	METAL GLAZE METAL GLAZE METAL GLAZE	68 47K 150	5% 5% 5%	1/8W 1/10W 1/8W		R1476	1-216-113-00 1-216-089-00 1-216-089-00	METAL GLAZE METAL GLAZE METAL GLAZE	470K 47K 47K	5% 5% 5%	1/10W 1/10W 1/10W		
R1405 R1407	1-249-434-11 1-216-113-00	CARBON METAL GLAZE	27K		1/4W 1/10W		R1478	1-216-113-00 1-216-190-00	METAL GLAZE METAL GLAZE	470K 470	5% 5% 5% 5%	1/10W 1/8W		
R1408 R1409	1-216-089-00 1-216-041-00	METAL GLAZE METAL GLAZE	470K 47K 470	5% 5% 5%	1/10W 1/10W		R1483	1-216-178-00 1-216-178-00	METAL GLAZE METAL GLAZE	150 150	5% 5%	1/8W 1/8W		
R1411	1-216-089-00 1-216-041-00	METAL GLAZE	47K 470	5% 5%	1/10W 1/10W		R1484 R1485 R1486	1-216-073-00 1-216-073-00 1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE	10K 10K 10K	5% 5% 5%	1/10W 1/10W 1/10W		
	1-216-089-00 1-216-113-00 1-216-089-00	METAL GLAZE METAL GLAZE METAL GLAZE	47K 470K 47K	5% 5% 5% 5%	1/10W 1/10W 1/10W		R1487 R1488	1-216-065-00 1-216-065-00	METAL GLAZE METAL GLAZE	4.7K 4.7K	5% 5%	1/10W 1/10W		
	1-216-083-00 1-216-083-00	METAL GLAZE METAL GLAZE	27K 27K	5%	1/10W 1/10W		R1489 R1501	1-216-065-00 1-216-081-00 1-216-083-00	METAL GLAZE METAL GLAZE METAL GLAZE	4.7K 22K 27K	5% 5% 5% 5%	1/10W 1/10W 1/10W		
R1417 R1418	1-216-023-00 1-247-738-11 1-216-295-00	METAL GLAZE CARBON METAL GLAZE	82 82 0	5% 5% 5% 5%	1/10W 1/2W 1/10W	F	R1503	1-216-113-00 1-216-085-00	METAL GLAZE METAL GLAZE	470K 33K	5% 5%	1/10W 1/10W		
R1420	1-216-295-00	METAL GLAZE	0	5%	1/10W		R1505 R1506	1-216-081-00 1-216-113-00	METAL GLAZE METAL GLAZE	22K 470K 220K	5%	1/10W 1/10W		
R1422 R1423	1-216-295-00 1-216-025-00 1-216-083-00	METAL GLAZE METAL GLAZE METAL GLAZE	0 100 27K	5% 5% 5% 5%	1/10W 1/10W 1/10W		R1510	1-216-067-00 1-216-067-00	METAL GLAZE	5.6K	5% 5%	1/10W 1/10W		
	1-216-083-00 1-216-045-00	METAL GLAZE METAL GLAZE	27K 680	5%	1/10W 1/10W		R1512	1-216-049-00 1-216-073-00 1-216-091-00	METAL GLAZE METAL GLAZE METAL GLAZE	1 K 10 K 56 K	5% 5%	1/10W 1/10W 1/10W		
R1426 R1427 R1428	1-216-025-00 1-216-001-00 1-216-113-00	METAL GLAZE METAL GLAZE METAL GLAZE	100 10 470K	5% 5% 5%	1/10W 1/10W 1/10W		R1514	1-216-049-00 1-216-079-00	METAL GLAZE METAL GLAZE	1K 18K	5%	1/10W 1/10W		
R1429	1-216-113-00 1-216-170-00	METAL GLAZE METAL GLAZE	470K 68	5% 5%	1/10W 1/8W		R1517	1-216-033-00 1-216-101-00 1-216-111-00		220 150K 390K	5% 5% 5% 5%	1/10W 1/10W 1/10W	٠	
R1431 R1432 R1433	1-216-041-00 1-216-041-00 1-216-033-00	METAL GLAZE METAL GLAZE METAL GLAZE	470 470 220	5% 5% 5%	1/10W 1/10W 1/10W		R1521	1-216-214-00	METAL GLAZE	4.7K	5%	1/8W	D.	
	1-249-393-11 1-249-434-11	CARBON CARBON	10 27K	5% 5%	1/4W 1/4W	F	R1556	1-216-349-00 1-216-067-00	METAL OXIDE METAL GLAZE	1 5.6K	5% 5%	1W 1/10W	F	
R1440 R1441	1-216-045-00 1-216-045-00	METAL GLAZE	680 680	5% 5%	1/10W 1/10W				IABLE RESISTOR					
R1443	1-216-089-00 1-216-089-00 1-216-033-00	METAL GLAZE METAL GLAZE METAL GLAZE	47K 47K 220	5% 5% 5%	1/10W 1/10W 1/10W		RV1502	1-238-023-11 1-238-016-11 1-238-017-11	RES, ADJ, CAR RES, ADJ, CAR RES, ADJ, CAR	BON 10K BON 22K				
R1445 R1446	1-216-095-00 1-216-033-00	METAL GLAZE METAL GLAZE	82K 220	5%	1/10W 1/10W		RV1504	1-238-012-11 1-238-023-11	RES, ADJ, CAR RES, ADJ, CAR	BON IK				
R1447 R1448	1-216-033-00 1-216-025-00 1-216-023-00		220 100 82	5% 5% 5%	1/10W 1/10W 1/10W		RV1507	1-238-017-11 1-238-009-11 1-238-016-11	RES, ADJ, CAR RES, ADJ, CAR RES, ADJ, CAR	BON 220)			
R1452	1-216-049-00 1-216-049-00	METAL GLAZE METAL GLAZE	1K 1K	5%	1/10W 1/10W		RV1509	1-238-023-11	RES, ADJ, CAR	BON 470	K			
R1454 R1455	1-216-180-00 1-216-180-00	METAL GLAZE METAL GLAZE	180 180	5% 5% 5%	1/8W 1/8W		1		IFG BOARD, CO	MPLETE	****		****	*
R1459	1-216-025-00	METAL GLAZE	100	5% 5%	1/10W	j.			********	*****				
R1461 R1462	1-216-065-00 1-216-190-00 1-216-057-00	METAL GLAZE METAL GLAZE METAL GLAZE	4.7K 470 2.2K	5% 5% 5%	1/10W 1/8W 1/10W		C1	1-164-232-11			,		50V	
R1463 R1464	1-216-049-00 1-216-061-00	METAL GLAZE METAL GLAZE	1K 3.3K	5% 5%	1/10W 1/10W		C2 C3 C4	1-164-232-11 1-164-232-11 1-164-232-11	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	0.01MF 0.01MF			50V 50V 50V	
R1465 R1466 R1467	1-216-023-00 1-216-033-00 1-216-025-00	METAL GLAZE METAL GLAZE METAL GLAZE	82 220 100	5% 5% 5%	1/10W 1/10W 1/10W		C5	1-164-232-11 1-164-232-11	CERAMIC CHIP		,		50V 50V	
R1468 R1469	1-216-025-00	METAL GLAZE METAL GLAZE	100	5%	1/10W 1/10W		C7 C8 C9	1-124-903-11 1-124-907-11 1-130-471-00	ELECT ELECT	1MF 10MF 0.001MF	· · · .	20% 20% 5%	50V 50V 50V	
R1470 R1471	1-216-025-00 1-216-023-00 1-216-023-00	METAL GLAZE METAL GLAZE METAL GLAZE	100 82 82	5% 5% 5% 5%	1/10W 1/10W 1/10W		č10 c11	1-163-121-00	CERAMIC CHIP	150PF		5% 5%	50V	
11.41.6	1 210 023 00	HETHE GENEE	04	J/0	1/ 10W		1 011	1 105 115 00	OBUNDATO CHAIL	17011.		JA	201	

The components identified by shading and mark \triangle are critical for safety.

Replace only with part number

specified.

REF.NO.	PART NO.	DESCRIPTION			REMARK	REF.NO.	PART NO.	DESCRIPTION				REMARK
C12 C13 C14 C15 C16	1-136-298-00 1-124-477-11 1-124-477-11 1-124-477-11 1-124-477-11	ELECT ELECT ELECT	0.0033MF 47MF 47MF 47MF 47MF	2% 20% 20% 20% 20%	100V 16V 16V 16V 16V	JR8 JR10	1-216-296-00 1-216-296-00	METAL GLAZE	0	5% 5%	1/8W 1/8W 1/10W	
C17 C18 C19 C20 C21		ELECT FILM FILM ELECT ELECT	10MF 0.01MF 0.01MF 22MF 22MF	20% 10% 10% 20% 20%	50V 400V 400V 50V 50V	R1 R2 R3 R5 R6	1-216-045-00 1-216-043-00 1-216-043-00 1-216-045-00 1-216-043-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	680 560 560 680 560	5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
C22 C23 C24	1-137-098-11 1-137-031-11 1-124-034-51	FILM FILM	0.1MF 0.22MF 33MF 0.022MF	10% 10% 20% 10%	100V 100V 16V 250V	R7 R9 R11	1-216-043-00 1-216-073-00 1-216-095-00 1-216-097-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	560 10K 82K 100K	5%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	1/10W 1/10W 1/10W	
C25 C26 C27 C28	1-163-109-00	FILM ELECT CERAMIC CHIP	0.047MF 1MF 47PF	10% 20% 5%	100V 50V 50V	R13 R15 R16 R17	1-216-097-00 1-216-071-00 1-216-059-00 1-216-097-00 1-216-097-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	8.2K 2.7K 100K 100K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
C29 C30 C31	1-124-903-11 1-124-903-11 1-137-047-11 1-130-479-00	MYLAR	1MF 1MF 0.01MF	20% 20% 10% 5%	50V 50V 400V	R18 R19 R20 R22	1-216-063-00 1-216-097-00 1-216-075-00 1-216-099-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	3.9K 100K 12K 120K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W	
C33 C34 C35 C36	1-137-031-11 1-124-907-11 1-163-119-00		0.22MF 10MF 120PF	10% 20% 5%	25V 100V 50V 50V	R24 R25	1-216-089-00 1-216-077-00		47K 15K	5%	1/10W 1/10W	
C37 C38 C39	1-163-133-00	ELECT ELECT CERAMIC CHIP	47MF 47MF 470PF	20% 20% 5%	16V 16V 50V	RV1 RV2	1-238-016-11 1-238-019-11	RES, ADJ, CAI RES, ADJ, CAI RES, ADJ, CAI	RBON 10 RBON 47	K		
	<fil< td=""><td>TER></td><td></td><td></td><td></td><td>*****</td><td>**********</td><td>*********</td><td>*****</td><td>*****</td><td>******</td><td>******</td></fil<>	TER>				*****	**********	*********	*****	*****	******	******
CDA1	1-404-751-11	DICCDIMINATO				1						
CDA2 SFT1	1-404-750-11 1-527-840-00	DISCRIMINATO FILTER, CERA	MIC			A	***	CELLANEOUS ************* COIL. DEMAGNI	TIZATI	ON	aplate a	
CDA2	1-404-750-11 1-527-840-00	DISCRIMINATO FILTER, CERA FILTER, CERA	R, CERAMIC MIC			APPENDING	*** 8.1-426-398-11 1.1-451-313-21 1-452-032-00 1-452-094-00	COIL, DEMAGNI DEFLECTION YOU MAGNET, DISK MAGNET, ROTA	JKE (YZ ; 10MM FABLE D	grxa) ø ISK: 1	15MM ø	
CDA2 SFT1	1-404-750-11 1-527-840-00 1-527-839-00 <dio 8-719-400-18</dio 	DISCRIMINATO FILTER, CERA FILTER, CERA DIDE>	R, CERAMIC MIC MIC				*** 2.1-426-398-11 2.1-451-313-21 1-452-032-00	COIL, DEMAGNI DEPLECTION YOU MAGNET, DISK MAGNET, ROTA' NECK ASSY, P	JKE (YZ ; 10MM rable d rcture	φ ISK; TUBE	15MM ¢ (NA-308)	
CDA2 SFT1 SFT2	1-404-750-11 1-527-840-00 1-527-839-00 <dio 8-719-400-18</dio 	DISCRIMINATO FILTER, CERA FILTER, CERA DIE> DIODE MA152W	R, CERAMIC MIC MIC		w		*** 5.1-426-398-11 5.1-451-313-21 1-452-032-00 1-452-094-00 5.1-452-509-42 1-544-475-11	COIL, DEMAGNI DEFLECTION YOU MAGNET, DISK MAGNET, ROTA' NECK ASSY, P SPEAKER CORD, POWER (JKE (YZ; 10MM TABLE D TCTURE	9FXA) Ø ISK; I TUBE	15MM	
CDA2 SFT1 SFT2	1-404-750-11 1-527-840-00 1-527-839-00 <dio 8-719-400-18 <ic> 8-759-003-90 8-759-003-90 8-759-030-48</ic></dio 	DISCRIMINATO FILTER, CERA FILTER, CERA DIODE MA152W IC TBA129	R, CERAMIC MIC MIC			₩ V901 ♠	*** \$\begin{align*} \text{***} \\ \text{\$1.1-426-398-11} \\ \text{\$1.1-451-313-21} \\ \text{\$1.452-032-00} \\ \text{\$1.452-094-00} \\ \text{\$1.452-509-42} \\ \text{\$1.452-509-42} \\ \text{\$1.590-501-11} \\ \text{\$1.8-733-823-05} \\ ***********************************	COIL, DEMAGNI DEFLECTION YOU MAGNET, DISK MAGNET, ROTA' NECK ASSY, P SPEAKER CORD, POWER(O	JKE (YZ; 10MM FABLE D ICTURE WITH NO (A68JY	φ ISK; ITUBE ISE FI K60X) ***********************************	15MM ¢ (NA-308) (LTER)	
CDA2 SFT1 SFT2 D3	1-404-750-11 1-527-840-00 1-527-839-00 <dio 8-719-400-18 <ic> 8-759-003-90 8-759-003-90 8-759-030-48 8-759-513-48</ic></dio 	DISCRIMINATO FILTER, CERA FILTER, CERA DIODE MA152W IC TBA129 IC TBA129 IC TBA6600-2	R, CERAMIC MIC MIC			₩ V901 ♠	*** \$\begin{align*} \text{***} \\ \text{\$1.1-426-398-11} \\ \text{\$1.1-451-313-21} \\ \text{\$1.452-032-00} \\ \text{\$1.452-094-00} \\ \text{\$1.452-509-42} \\ \text{\$1.452-509-42} \\ \text{\$1.590-501-11} \\ \text{\$1.8-733-823-05} \\ ***********************************	COIL, DEMAGNI DEFLECTION YOU MAGNET, DISK MAGNET, ROTA' NECK ASSY, P SPEAKER CORD, POWER (O PICTURE TUBE	JKE (YZ; 10MM FABLE D ICTURE WITH NO (A68JY	φ ISK; ITUBE ISE FI K60X) ***********************************	15MM ¢ (NA-308) (LTER)	
CDA2 SFT1 SFT2 D3	1-404-750-11 1-527-840-00 1-527-839-00 <dio 8-719-400-18 <ic> 8-759-003-90 8-759-003-90 8-759-030-48 8-759-513-48</ic></dio 	DISCRIMINATO FILTER, CERA FILTER, CERA DIODE MA152W IC TBA129 IC TBA129 IC TBA6600-2 IC TDA6600-2 IC TDA2595/V	R, CERAMIC MIC MIC K	RD 12P		₩ V901 ♠	*** 5.1-426-398-11 5.1-451-313-21 1-452-032-00 1-452-094-00 5.1-452-509-42 1-544-475-11 5.1-590-501-11 6.8-733-823-05 ************************************	COIL, DEMAGNI DEPLECTION YOU MAGNET, DISK MAGNET, ROTA' NECK ASSY, P SPEAKER CORD, POWER (O PICTURE TUBE ************************************	IKE (YZ; 10MM TABLE D DICTURE WITH NO (A68JY ************************************	GER	15MM ¢ (NA-308) ILTER) ***********************************	******** REMARK
CDA2 SFT1 SFT2 D3	1-404-750-11 1-527-840-00 1-527-839-00 <dio 8-719-400-18 <ic> 8-759-003-90 8-759-003-90 8-759-030-48 8-759-513-48</ic></dio 	DISCRIMINATO FILTER, CERA FILTER, CERA DIODE MA152W IC TBA129 IC TBA129 IC TBA129 IC TDA6600-2 IC TDA6595/V INECTOR> CONNECTOR, B	R, CERAMIC MIC MIC K	RD 12P		₩ ¥ 10901	*** \$\[\frac{1-426-398-11}{1-451-313-21} \\ \frac{1-452-032-00}{1-452-094-00} \\ \frac{1-452-094-00}{1-452-509-42} \\ \frac{1-544-475-11}{1-590-501-11} \\ \frac{8-733-823-05}{1-452-692-11} \\ \frac{1-200-599-11}{1-4-031-996-01} \\ \frac{4-200-599-11}{1-44-031-996-01} \\ \frac{1-452-096-01}{1-452-096-01} \\ \frac{1-452-098-11}{1-452-096-01} \\ \frac{1-452-098-01}{1-452-096-01} \\ \frac{1-452-098-01}{1-452-096-01} \\ \frac{1-452-098-01}{1-452-096-01} \\ \frac{1-452-098-01}{1-452-096-01} \\ \frac{1-452-098-01}{1-452-096-01} \\ \frac{1-452-098-01}{1-452-096-01} \\ \frac{1-452-098-01}{1-452-098-01} \	COIL, DEMAGNI DEFLECTION YOU MAGNET, DISK MAGNET, ROTA' NECK ASSY, P SPEAKER CORD, POWER (O PICTURE TUBE ***********************************	IRE (YZ: 10MM TABLE D ICTURE WITH NO (A68JY ************************************	grxa)	15MM ¢ (NA-308) ILTER) ***********************************	******** REMARK
CDA2 SFT1 SFT2 D3	1-404-750-11 1-527-840-00 1-527-839-00 <dio 8-719-400-18 <ic> 8-759-003-90 8-759-003-90 8-759-030-48 8-759-513-48 <con *1-565-488-11 <coi 1-408-410-00</coi </con </ic></dio 	DISCRIMINATO FILTER, CERA FILTER, CERA DIODE DIODE MA152W IC TBA129 IC TBA129 IC TDA6600-2 IC TDA6595/V INECTOR> CONNECTOR, B L> INDUCTOR	R, CERAMIC MIC MIC K GARD TO BOAI	RD 12P		₩ ¥ 10901	*** \$\langle 1 - 426 - 398 - 11 \$\langle 1 - 451 - 313 - 21 \$\langle 1 - 452 - 032 - 00 \$\langle 1 - 452 - 094 - 00 \$\langle 1 - 452 - 509 - 42 \$\langle 1 - 544 - 475 - 11 \$\langle 1 - 590 - 501 - 11 \$\langle 8 - 733 - 823 - 05 \$\langle ************************************	COIL, DEMAGNI DEFLECTION YOU MAGNET, DISK MAGNET, ROTA' NECK ASSY, P SPEAKER CORD, POWER (I PICTURE TUBE ***********************************	JKE (YZ: 10MM TABLE D DICTURE WITH NO (A68JY ************************************	grxa)	15MM ¢ (NA-308) ILTER) ***********************************	******** REMARK
CDA2 SFT1 SFT2 D3	1-404-750-11 1-527-840-00 1-527-839-00 <dio 8-719-400-18 <ic> 8-759-003-90 8-759-003-90 8-759-030-48 8-759-513-48 <con *1-565-488-11 <coi 1-408-410-00 1-408-410-00 1-410-064-11</coi </con </ic></dio 	DISCRIMINATO FILTER, CERA FILTER, CERA DIODE DIODE MA152W IC TBA129 IC TBA129 IC TBA129 IC TDA6600-2 IC TDA2595/V INECTOR> CONNECTOR, B INDUCTOR INDUCTOR INDUCTOR	R, CERAMIC MIC MIC K 9 OARD TO BOAH 12UH 12UH 2.7MMH	RD 12P		₩ ¥ 10901	*** \$\begin{align*} \text{****} \\ \text{\$1.1-426-398-11} \\ \text{\$1.1-451-313-21} \\ \text{\$1.452-032-00} \\ \text{\$1.452-094-00} \\ \text{\$1.452-509-42} \\ \text{\$1.452-509-42} \\ \text{\$1.590-501-11} \\ \text{\$1.590-501-11} \\ \text{\$2.8-733-823-05} \\ ***********************************	COIL, DEMAGNI DEFLECTION Y MAGNET, DISK MAGNET, ROTA' NECK ASSY, P SPEAKER CORD, POWER (I PICTURE TUBE ************************************	IRE (YZ: 10MM TABLE D DICTURE WITH NO (A68JY ***********************************	grxa)	15MM ¢ (NA-308) ILTER) ***********************************	******** REMARK ISH/
CDA2 SFT1 SFT2 D3	1-404-750-11 1-527-840-00 1-527-839-00 <dio 8-719-400-18 <ic> 8-759-003-90 8-759-003-90 8-759-030-48 8-759-513-48 <con *1-565-488-11 <coi 1-408-410-00 1-408-410-00</coi </con </ic></dio 	DISCRIMINATO FILTER, CERA FILTER, CERA DIODE DIODE MA152W IC TBA129 IC TBA129 IC TDA6600-2 IC TDA2595/V INECTOR> CONNECTOR, B INDUCTOR INDUCTOR INDUCTOR INDUCTOR INDUCTOR	R, CERAMIC MIC MIC K GARD TO BOAK 12UH 12UH	RD 12P		₩ ¥ 10901	*** \$\begin{align*} \$a	COIL, DEMAGNI DEPLECTION YOU MAGNET, DISK MAGNET, ROTA' NECK ASSY, P SPEAKER CORD, POWER (O PICTURE TUBE ************************************	JRE (YZ: 10MM TABLE D DICTURE WITH NO (A68JY ************************************	grxa)	15MM ¢ (NA-308) ILTER) ***********************************	******** REMARK ISH/
CDA2 SFT1 SFT2 D3 IC1 IC2 IC3 IC4 IFG13	1-404-750-11 1-527-840-00 1-527-839-00 <dio 8-719-400-18 <ic> 8-759-003-90 8-759-003-90 8-759-030-48 8-759-513-48 <con *1-565-488-11 <coi 1-408-410-00 1-408-410-00 1-408-421-00 1-408-421-00</coi </con </ic></dio 	DISCRIMINATO FILTER, CERA FILTER, CERA DIODE DIODE MA152W IC TBA129 IC TBA129 IC TDA6600-2 IC TDA2595/V INECTOR> CONNECTOR, B INDUCTOR INDUCTOR INDUCTOR INDUCTOR INDUCTOR	R, CERAMIC MIC MIC K 9 CARD TO BOAN 12UH 12UH 2.7MMH 100UH	RD 12P		₩ ¥ 10901	*** \$\begin{align*} \text{****} \\ \text{.1-426-398-11} \\ \text{.1-451-313-21} \\ \text{.1-452-032-00} \\ \text{.4-52-094-00} \\ \text{.1-452-509-42} \\ \text{.1-452-509-42} \\ \text{.1-590-501-11} \\ \text{.8-733-823-05} \\ ***********************************	COIL, DEMAGNI DEFLECTION Y MAGNET, DISK MAGNET, ROTA' NECK ASSY, P SPEAKER CORD, POWER(I PICTURE TUBE SELECTION MANUAL, INSTITEMENCH/ITALI CUSHION (UPPICUSHION (UPPICUSHION (UPPICUSHION (LOWINDIVIDUAL C.) BAG, PROTECT	JRE (YZ: 10MM TABLE D DICTURE WITH NO (A68JY ************************************	9FXA) \$\phi\$ ISE F1 ISE F1 K60X) ****** (GER) H/POR' SY) SY)	15MM ¢ (NA-308) ILTER) ***********************************	******** REMARK ISH/
CDA2 SFT1 SFT2 D3 IC1 IC2 IC3 IC4 IFG13	1-404-750-11 1-527-840-00 1-527-839-00 <dio 8-719-400-18="" <ic=""> 8-759-003-90 8-759-003-90 8-759-030-48 8-759-513-48 <con *1-565-488-11="" 1-408-410-00="" 1-408-421-00="" 8-729-216-22<="" 8-729-901-00="" <coi="" td=""><td>DISCRIMINATO FILTER, CERA FILTER, CERA FILTER, CERA DIODE MA152W IC TBA129 IC TBA129 IC TBA129 IC TDA6600-2 IC TDA6595/V INECTOR> CONNECTOR, B INDUCTOR INDUCTOR INDUCTOR INDUCTOR INDUCTOR INDUCTOR INDUCTOR</td><td>R, CERAMIC MIC MIC K 9 CARD TO BOAN 12UH 12UH 2.7MMH 10UH 100UH TC124EK SA1162-G</td><td>RD 12P</td><td></td><td>₩ ¥ 10901</td><td>*** \$\begin{align*} \text{****} \\ \text{.1-426-398-11} \\ \text{.1-451-313-21} \\ \text{.1-452-032-00} \\ \text{.4-52-094-00} \\ \text{.1-452-509-42} \\ \text{.1-452-509-42} \\ \text{.1-590-501-11} \\ \text{.8-733-823-05} \\ ***********************************</td><td>COIL, DEMAGNI DEPLECTION YOU MAGNET, DISK MAGNET, ROTA' NECK ASSY, P SPEAKER CORD, POWER (OF PICTURE TUBE SELECTION TO THE PICTURE TUBE SELECTION TUBE SELEC</td><td>JRE (YZ: 10MM TABLE D DICTURE WITH NO (A68JY ************************************</td><td>9FXA) \$\phi\$ ISE F1 ISE F1 K60X) ****** (GER) H/POR' SY) SY)</td><td>15MM ¢ (NA-308) ILTER) ***********************************</td><td>******** REMARK ISH/</td></con></dio>	DISCRIMINATO FILTER, CERA FILTER, CERA FILTER, CERA DIODE MA152W IC TBA129 IC TBA129 IC TBA129 IC TDA6600-2 IC TDA6595/V INECTOR> CONNECTOR, B INDUCTOR INDUCTOR INDUCTOR INDUCTOR INDUCTOR INDUCTOR INDUCTOR	R, CERAMIC MIC MIC K 9 CARD TO BOAN 12UH 12UH 2.7MMH 10UH 100UH TC124EK SA1162-G	RD 12P		₩ ¥ 10901	*** \$\begin{align*} \text{****} \\ \text{.1-426-398-11} \\ \text{.1-451-313-21} \\ \text{.1-452-032-00} \\ \text{.4-52-094-00} \\ \text{.1-452-509-42} \\ \text{.1-452-509-42} \\ \text{.1-590-501-11} \\ \text{.8-733-823-05} \\ ***********************************	COIL, DEMAGNI DEPLECTION YOU MAGNET, DISK MAGNET, ROTA' NECK ASSY, P SPEAKER CORD, POWER (OF PICTURE TUBE SELECTION TO THE PICTURE TUBE SELECTION TUBE SELEC	JRE (YZ: 10MM TABLE D DICTURE WITH NO (A68JY ************************************	9FXA) \$\phi\$ ISE F1 ISE F1 K60X) ****** (GER) H/POR' SY) SY)	15MM ¢ (NA-308) ILTER) ***********************************	******** REMARK ISH/